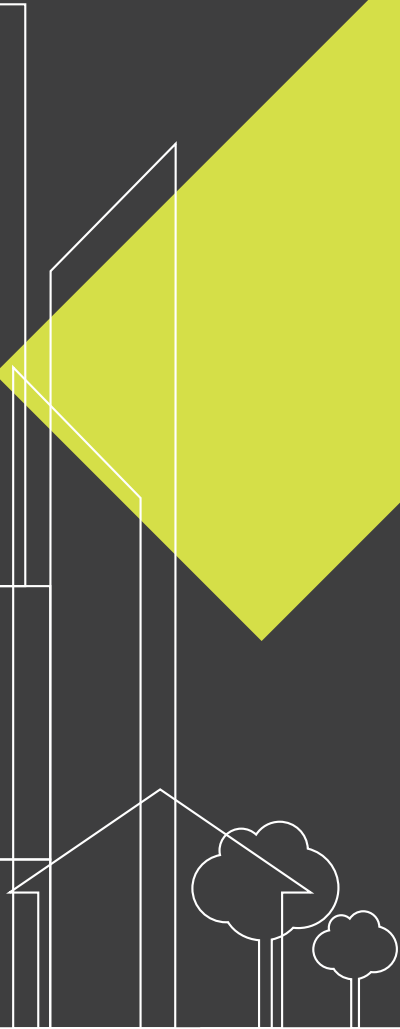


# GENERAL CATALOGUE



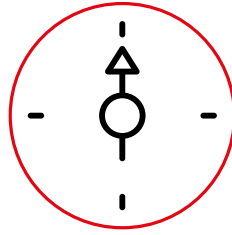


**EDILTECO: SUSTAINABLE EXCELLENCE**

*We minimise the environmental impact  
with high-value-added products.  
We ensure strict adherence to timelines,  
extreme safety for every operator, and  
maximum controls to eliminate waste and reworking.  
We invest in the training of our staff and  
in the expansion of our product range.  
**All this is real, all this is Edilteco.***

---

Edilteco CEO  
*Paolo Stabellini*



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**TE**cnologie  
**CO**struttive  
**EDIL**i=  
**EDILTECO**

*EDILTECO = Building Construction Technologies*



## [ ABOUT US ]

Edilteco is a leading company in the construction industry, recognized as a benchmark both in Italy and worldwide. **Our product and production technologies stem from exclusive patents and know-how.** We are committed to improving thermal and acoustic insulation, building refurbishment, and fire protection, while simultaneously reducing energy consumption. This approach allows us to decrease the use of the planet's resources and improve the everyday safety and comfort of people.

Our Group initially focused on producing **lightweight aggregates** and **ready mix mortar**.

Today, the Edilteco brand is renowned worldwide, making a name for itself in the construction industry with a wide range of systems and products that provide excellent insulation and comfort solutions for all types of building.

Edilteco products fully comply with the increasingly stringent regulatory requirements in thermal and acoustic areas.



### [ INDUSTRY ASSOCIATIONS ]

- ANIT > National association for thermal and acoustic insulation (*anit.it*).
- ASSOCIAZIONE PER LA RSI > Association for corporate social responsibility (*associazioneperlarsi.it*).
- CEN > European committee for standardization (*cencenelec.eu*).
- CONFINDUSTRIA > Main association representing manufacturing and service companies in Italy (*confindustria.it*).
- CONPAVIPER > Italian association for underlays, screeds, flooring, and continuous coatings (*conpaviper.org*).
- FIREPRO > Italian association for the dissemination of fire prevention standards (*associazionefirepro.it*).
- GSH > European association of thermal insulation product manufacturers (*gsh.eu*).
- IPPR > Italian institute for the promotion of recycled plastic (*ippr.it*).
- RAL > Quality marks that identify products and services that companies produce or offer according to high and precisely defined quality criteria.
- UNI > Italian standards organization (*uni.com*).



### [ GLOBAL PARTNERS ]

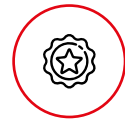


# 45

Licensed manufacturers

# 61

Countries around the world where our products are available



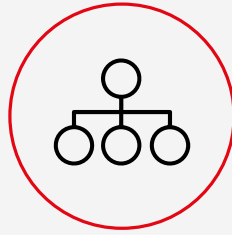
### [ QUALITY MANAGEMENT SYSTEM ]



ISO 9001 is a standard aimed at the continuous and ongoing improvement of companies, with the goal of optimising the organizational structure.



## ROOTED IN ITALY... CONTINUOUSLY EXPANDING INTERNATIONALLY



## [ABOUT US]



**Carlo Stabellini: Founder** of Edilteco, he has charted a path to success underscored by resilience and vision. He began his career working for **twenty years as a primary school teacher** in the province of Modena, where he developed a deep awareness of educational and social dynamics. This phase of his professional life honed his **communication and human management skills**, qualities that would prove fundamental in his subsequent business career.

Carlo later transitioned to **managing the family construction business**, “Alcide Stabellini”, where he applied the skills he had acquired in the world of education to the business field. This dual professional experience allowed him to develop a profound understanding of work and social dynamics, strengthening his managerial skills. It was in this context that Carlo began to develop an **innovative vision** for the construction industry, recognizing the importance of advanced materials and techniques to improve the quality of construction.

In 1981, Carlo set up Edilteco and thus laid the foundations of a business that has **innovated the thermal insulation sector**. His dedication to research and development led to the **creation of the patented additive E.I.A.** (Edilteco Insulating Additive), a revolutionary product that set new industry standards. This additive, not only marked a technological breakthrough, but also consolidated the company’s international reputation, paving the way for expansion and establishing itself in increasingly competitive markets.

**Carlo’s philosophy has always emphasised the importance of human capital and ongoing research.**

These pillars have contributed to the consolidation of the company, thus ensuring a **stimulating and innovative work environment**. His ability to stay ahead of the curve and his tireless dedication have been fundamental in establishing the company’s hallmark **quality and innovation** that continues to set Edilteco apart in the market. Under his leadership, Edilteco has become synonymous with excellence, quality, and cutting-edge technology in the thermal insulation sector.

**Carlo continues to pass down a legacy of sound principles and values, bearing witness to a commitment that has transcended generations.** His leadership inspires numerous collaborators and partners, by promoting a corporate culture based on integrity, innovation, and respect for the environment.

His insights consistently influence the company’s strategies and development policies, thus confirming his enduring impact in the construction industry.

Our aim in this publication is to celebrate our successes which we have achieved through his leadership and ability to anticipate and respond to market challenges.

***Carlo Stabellini’s story is a testament to how passion, dedication, and innovation can transform an idea into a successful business, capable of positively influencing the entire construction and thermal insulation industry.***





## A FAMILY-RUN BUSINESS SINCE 1981



**Paolo Stabellini:** CEO of the Edilteco Group, he embodies the perfect combination of personal passion and professional acumen. Paolo has acquired a broad range of skills through his academic background in Economic and International Political Sciences and practical training in military service, which he has successfully transferred to the family business. **His ability to lead and strategic vision have had a direct and measurable impact**, elevating Edilteco to new levels of success.

Paolo has personally led Edilteco's international expansion, establishing the company as a benchmark in the global construction industry. He shrewdly **opened new branches and consolidated strategic partnerships worldwide**, significantly expanding the company's reach. This proactive approach not only increased Edilteco's visibility but also broadened its impact on the international market.

*Paolo's commitment to excellence and constant growth can be seen in every aspect of his management. With unwavering dedication, he continues to steer Edilteco towards increasingly ambitious goals, emphasising the importance of a cohesive team and a shared vision for the future.*



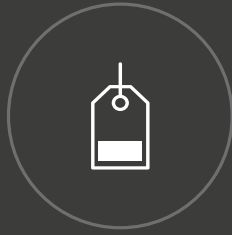
**Elisa Stabellini:** serves as the **Human Resources Director** of the Edilteco Group, standing out for her organisational ability and meticulous attention to detail. A graduate in International Marketing from Nottingham Trent University, Elisa combines her passion for music and literature with a strong professional commitment, adding value to her approach to human resource management.

**Her keen awareness of environmental and social issues is reflected in her work**, especially in her active involvement in the Association for Corporate Responsibility.

Elisa is fully **committed to creating a stimulating and cohesive work environment**, encouraging ongoing education programs that promote employee engagement and support professional development.

Under her guidance, Edilteco has introduced the **Sustainability Report**, highlighting her commitment to corporate management that respects principles of environmental sustainability and social responsibility.

*The determination and flexibility with which Elisa tackles daily challenges have transformed the corporate climate, making Edilteco a benchmark model for the industry in addressing sustainability issues and managing human capital with care and respect.*



[THE PRODUCT]

## THE SECRET OF OUR PRODUCTS, ORIGINATES IN A BEAD...

... a bead of expanded polystyrene immersed in the patented additive **E.I.A.** (**Edilteco Insulating Additive**), the heart of Edilteco technology and the result of over 40 years of Research & Development.



*step a.*

### EXPANSION

The polystyrene beads are expanded using steam alone at a temperature of about 100°C, in the so-called expander.

As a result of the vaporisation of the expanding agent, the beads swell up to 20-50 times their original volume.



*step b.*



*step c.*



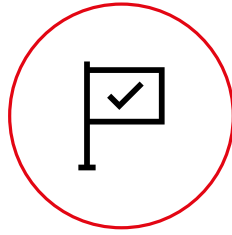
#### **ADDITIVATION WITH E.I.A.**

The ecological and biodegradable additive E.I.A., which we produce, contains only natural components, and is free from chemicals. When applied to the beads, it creates perfectly uniform mixes, thus preventing surfacing.

Due to the different specific weight, it would, in fact, be impossible to mix EPS (expanded polystyrene) with cement without separation occurring. With E.I.A., this problem is solved.

#### **USE IN MIXTURES**

Polystyrene beads significantly lighten the density of the mixtures while also making them less prone to water absorption. This characteristic gives them greater strength and durability over time.



## [ PAST, PRESENT AND FUTURE ]

Our story begins with the vision by the entrepreneur, **Carlo Stabellini**: that homes should be **safe and comfortable**, not just four aesthetically pleasing walls.

Thus, after years in the construction industry, in 1981 he began studying **lightweight and thermal insulating materials** that could protect and clad homes in Italy, freeing them from damp and also serving as a shield against fire.

This led to the creation of **Isolteco®**, the first thermal insulating and dehumidifying plaster made from EPS beads, applied by plastering machines. It was a **revolution**, but at a time when society was still far from recognising these products as beneficial, not only for personal well-being but also for the planet.

Within a short time, we decided to expand internationally, realising that our production could adapt and be successfully employed in geographic locations with construction methods that differed significantly from those in Italy.

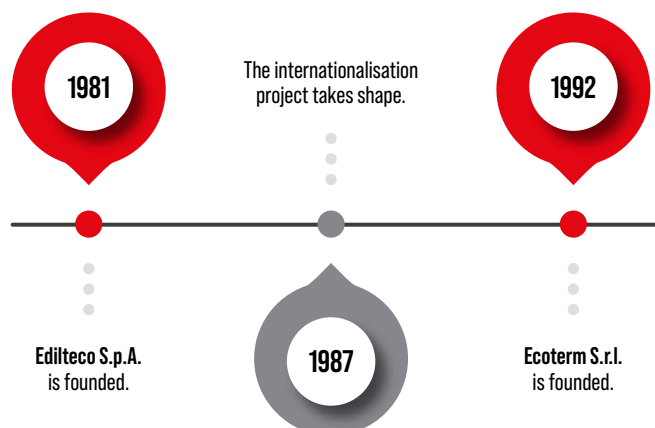
Thus, in 1987, the **international expansion** began, both through the creation of subsidiaries and an innovative approach to globalisation, by seeking foreign industrial partners around the world to license the **production know-how**.

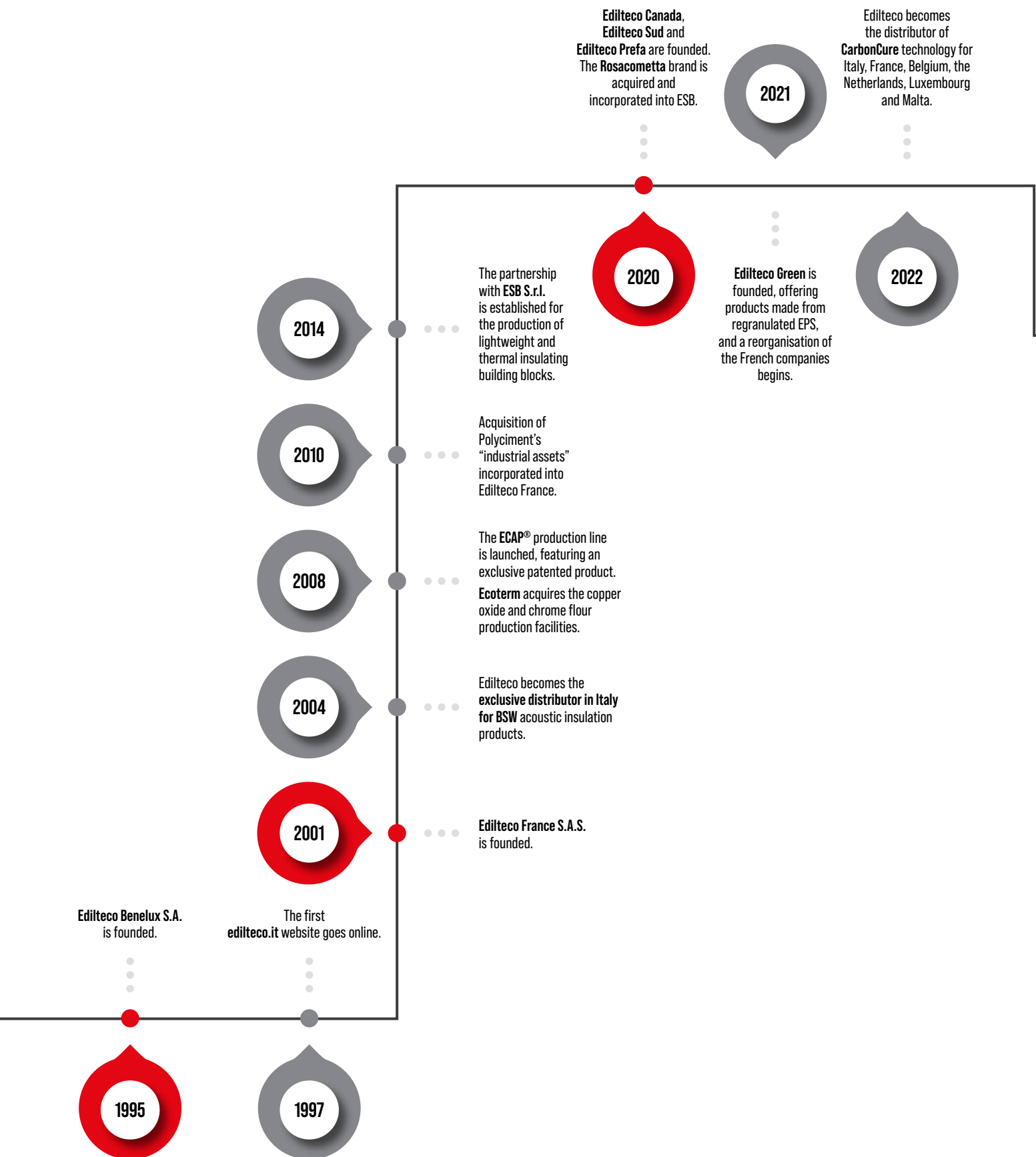
In 1995, Edilteco Benelux was founded (originally named Poly Stone Technologies), followed by the opening of Edilteco France in 2001 (formerly PST France).

In 2014, the associated ESB S.r.l. was established, and in January 2020, Edilteco Canada, Edilteco Sud, and Edilteco Prefa were formed.

Over the years, the Edilteco Group has also acquired and integrated several companies, including Ecap S.r.l. (an Italian company), Ecoterm S.r.l. (an Italian company), Polyciment (a French company), Deltisol (a French company) and Rosacometta (an Italian company).

## KEY MILESTONES, FROM THE PAST TO THE PRESENT...







2024

**GECO** is launched,  
a specific line  
for dehumidification.

*"... keep the water away from the walls ..."*

*This was the message conveyed in 1570 by Andrea Palladio when discussing rainwater.*

Water, however, can come from many sources, not just from the sky, but also from the foundations or the interior of our homes in the form of damp or vapour.

This is why it is crucial to choose not only the right construction techniques but, above all, the materials used; a dry environment means a **healthy environment**.

The presence of condensation and mould transforms our homes into places where comfort significantly decreases, affecting health and both physical and mental well-being. It also accelerates the deterioration of the building structure due to ongoing physical and chemical damage.

Improving the level of comfort in our homes is a goal that can be easily achieved by using technologically innovative products, specially designed to combat rising damp and the crystallisation

of salt (efflorescence), thereby restoring the masonry's original thermal efficiency.

The new Geco product line is designed and developed to meet the highest quality standards for the renovation and refurbishment of buildings.

**Geco products** provide the ultimate solution to the degrading effects of rising damp. With a high breathability index, they do not contain or release harmful chemical agents and can be applied to any type of architecture.

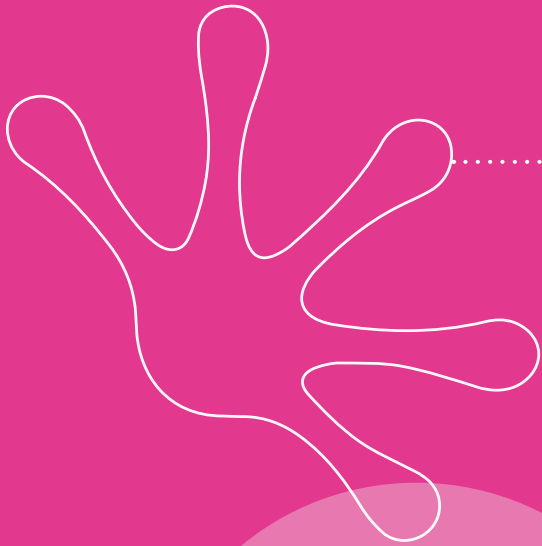
**Geco Plaster:** a restorative plaster with high thermal insulation power.

**Geco Additive:** a liquid additive for the preparation of macroporous dehumidifying mortars with high breathability.

**Geco Antisalt:** a solvent-based liquid that inhibits salt efflorescence.

*Discover the complete range on page 94 >*





01

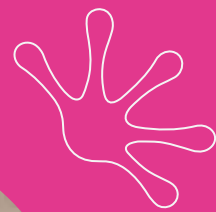


The plaster that  
**MAKES  
YOUR  
WALLS  
BREATHE**

The additive that  
**MAKES  
MORTARS  
BREATH-  
ABLE**



02



03



The multi-component liquid that  
**INHIBITS  
RISING  
DAMP**



[EDILTECO AROUND THE WORLD]

## INTERNATIONAL SUCCESS SINCE 1981

Edilteco has its own production sites in Italy, France, Belgium, and Canada. Over the years, it has researched and developed a network of entrepreneurs worldwide, to whom it grants licenses for the production know-how and key components, such as E.I.A., the technological heart of Edilteco products, exclusively for their geographic region. These industrial partners manufacture Edilteco's products, ensuring the same quality, which they sell in their respective domestic markets.

Algeria  
Argentina  
Bahrain  
Belgium  
Bulgaria  
Canada  
China  
Cyprus  
Croatia  
Denmark  
Dominican Rep.  
Egypt  
Finland  
France  
Germany  
Greece  
Hungary  
India

Ireland  
Italy  
Kuwait  
Luxembourg  
Morocco  
Mexico  
Nicaragua  
Netherlands  
Panama  
Philippines  
Portugal  
Romania  
Russia  
Rwanda  
Saudi Arabia  
Slovakia  
Slovenia  
South Africa

Spain  
Sweden  
Thailand  
Tunisia  
Turkey  
Ukraine  
United Kingdom  
Venezuela  
West Africa  
*... and many more!*



**EDILTECO®**  
Benelux  
Avenue de Fontenelle, 5  
6220 Fleurus, Belgium

**EDILTECO®**  
France  
9 Avenue de l'Europe,  
Saint Germain sur Moine, 49230 Sèvremoine  
840 Rue de la Verdette, CS 50015  
Le Pontet 84275 Vedène Cedex

**EDILTECO®**  
group  
Via dell'Industria 710, 41038  
San Felice sul Panaro (MO) Italy

**EDILTECO®**  
Canada  
606 Cathcart St, Suite 200,  
Montreal QC, Canada H3B 1K9

○ EDILTECO GROUP  
● Partner



## [SUSTAINABLE FROM THE START]

The Edilteco Group promotes respect for the environment throughout its **value chain** and is committed to adopting an approach based on the correct use of natural resources and protection of the local area. The company endeavours to improve thermal and acoustic insulation, refurbishment, and the fire protection of buildings aimed at reducing energy consumption. Since its inception, it has aimed to contribute to the **well-being of people and the environment**.

By ensuring the thermal insulation of buildings, Edilteco products reduce the environmental impact of heating and cooling buildings, thereby decreasing the consumption of the planet's resources. **Respect for the environment is an integral part of the Edilteco Group's philosophy:** choosing environmentally friendly materials and green technologies to reduce CO<sub>2</sub> emissions and preserve natural resources while respecting environmental biodiversity. Improving internal environmental performance at company locations is a priority.

This issue is far from trivial.

*What is a company's management goal when deciding to invest significant resources in portraying Edilteco from a perspective beyond the one expressed by the financial statement?*

SINCERE answers can be given to this question that might, however, seem mundane:

We want to show the world that Edilteco has a mission beyond making a profit... TRUE!

We want to reveal what lies behind the financial figures... TRUE!

We want to highlight how much work it takes for every PERSON at Edilteco to achieve positive numbers... and rightly so!

All of this is undeniably true.

But it's not enough for us!

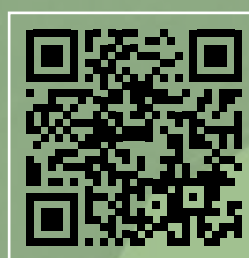
**We want to give our daily work a TRIPLE PURPOSE: not just economic, but social and environmental as well.**

If this is the goal, it's not merely a by-product of our (hopefully virtuous) economic actions, but rather the **DRIVER behind our actions** and just as important as our economic efforts.

If this is the case, and we assure you it is, it means that **actions are created and developed for social awareness and environmental responsibility FIRST and BEYOND economic considerations.**

**This mission is an essential part of us, of everyone at Edilteco, and what motivates us every day.**

**It generates enthusiasm for getting things done and taking part.**





[HUMAN RESOURCES | AGE OF NEW HIRES]

118

Employees



31

Women



87

Men

< 30

7 (6%)

30-50

68 (58%)

People as the most important resource for Edilteco - they create value within the organization and are a fundamental factor for success.



[DISTRIBUTED ECONOMIC VALUE]

34,551,872

EUROS



[SUPPLY CHAIN]

762

Group suppliers

RAW MATERIALS · FINISHED PRODUCTS · PACKAGING · MACHINERY · TRANSPORTATION · SERVICES.



[OUR VALUES]



ACCURACY

Looking out for potential issues in every business stage in order to prevent and eliminate them.



INNOVATION

Inventing new products and technologies, researching both new formulations and new materials.



SUSTAINABLE DEVELOPMENT

Development of high-efficiency products and adoption of a sustainable economic and social development model.



RESPECT AND INCLUSION

For people and the local area, ensuring equal opportunities and fair treatment without any form of discrimination.



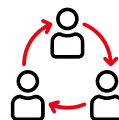
LAWFULNESS AND TRANSPARENCY

Compliance with laws, regulations, and employment contracts, and the rejection of any Mafia or criminal infiltration.



AWARENESS

Of the quality of products and their efficiency, as well as the professionalism of the staff.



COLLABORATION

Engaging suppliers in the company's core values and involving national and international partners in the dissemination of our technology.



EXPERTISE AND AVAILABILITY

Of our staff.

# THE EDILTECO GROUP PRODUCT RANGE ... *and beyond!*

## THERMAL

*Insulation & Chemicals Division*



- EPS beads coated by E.I.A. additive
- Pre-mixed lightweight subfloors and screeds
- Certified flooring system
- Thermal insulating plasters
- Thermal insulating system with panels
- Thermal insulating system with pre-finished panels
- Finishes, adhesives and skimming coats

## DBRED

*Noise Reduction Division*



- Impact sound insulation
- Airborne sound insulation
- Acoustic innovations by Edilteco

## PROTHERM<sup>light</sup>

*Fireproofing Division*



- Passive fire protection plasters

## E&MP

*Engineering Division*



- Mixers and pumps for subfloors and screeds
- Equipment for cavity wall blowing
- Equipment for concrete batching plants
- Mixers and pumps for acoustic insulation

## GECO

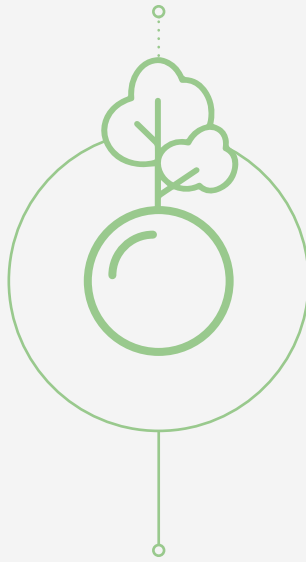
*Dehumidification System Division*



- Thermo-dehumidifying plaster
- Breathable additive
- Anti-salt liquid

## GREEN

*Sustainable Technology Division*



- Regranulated EPS beads for lightweight mortar and cavity wall blowing
- CarbonCure Technology

## ESB

*Lightweight Blocks Division*



- Ultra-lightweight blocks for masonry
- Thermal mortar for masonry

# IS YOUR HOUSE COLD? PREPARE TO BE AMAZED BY OUR SOLUTIONS!

---

This was the company's first step toward creating building tools designed to **ensure comfort and quality of life in homes**. As early as the 1980s, Edilteco prioritised and committed to thermal insulation, long before it became a popular topic or area of interest.

Our Group was a pioneer in understanding the meaning and importance of thermal insulation in construction, developing products and systems, creating products and solutions capable of reducing natural heat loss between the interior and exterior.

We were also pioneers in recognising the energy, economic, environmental, and comfort benefits resulting from it. This journey has led the company to develop cutting-edge materials through research.

Edilteco now offers technologically advanced products for vertical and horizontal insulation, and lightweight solutions.

**Our subfloors fully meet all the requirements for the correct installation of a flooring system, as outlined in the latest UNI 11944 standard.**



*Our Technical Department is on hand to provide you with any additional information you may need: [technical@edilteco.com](mailto:technical@edilteco.com)*

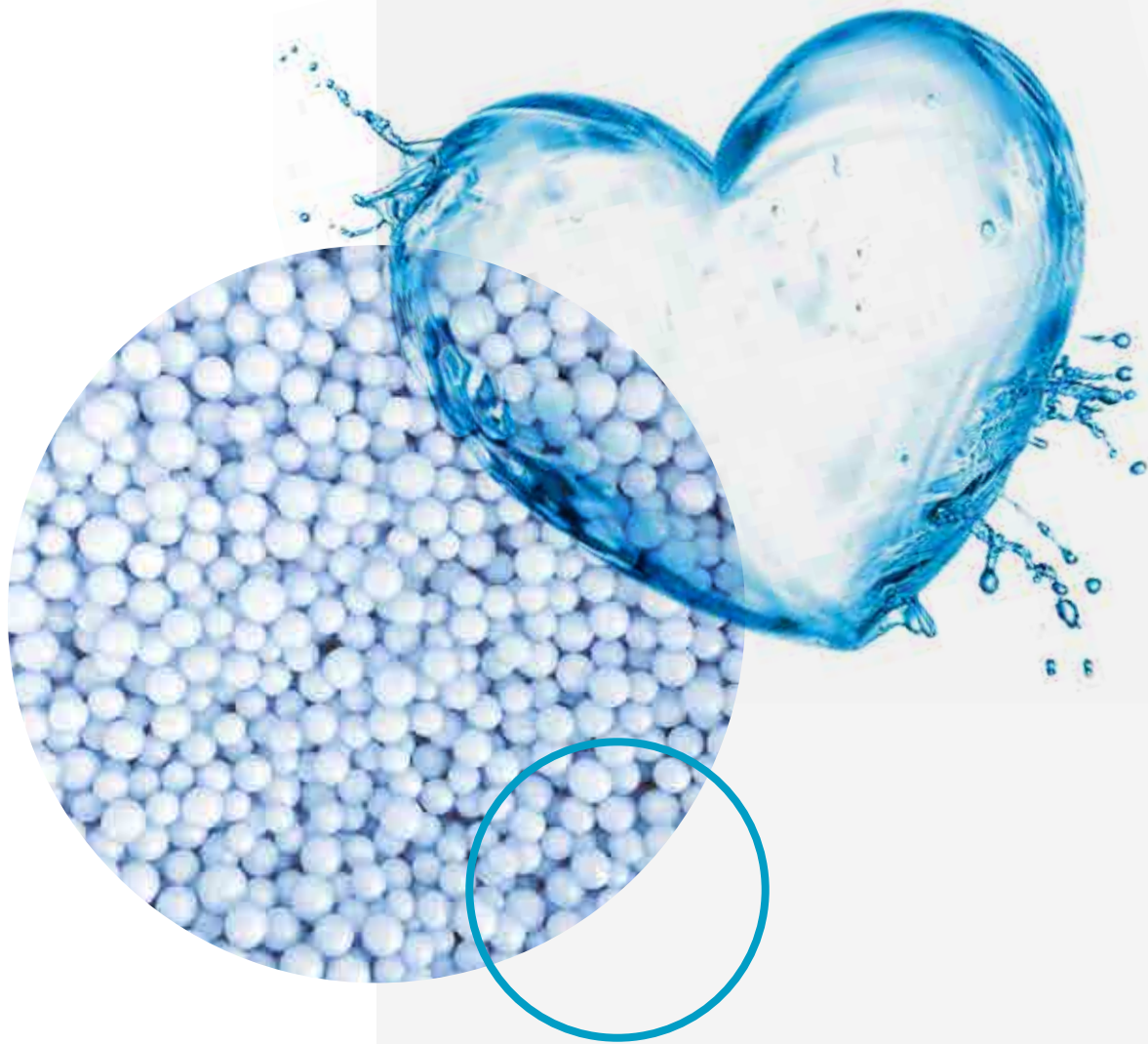


# THERMAL

Insulation & Chemicals Division



- EPS BEADS COATED BY E.I.A. ADDITIVE
- PRE-MIXED LIGHTWEIGHT SUBFLOORS AND SCREEDS
- CERTIFIED FLOORING SYSTEM
- THERMAL INSULATING PLASTERS
- THERMAL INSULATING SYSTEM WITH PANELS
- THERMAL INSULATING SYSTEM WITH PRE-FINISHED PANELS
- FINISHES, ADHESIVES AND SKIMMING COATS



# OUR TECHNOLOGICAL HEART

## EPS BEADS COATED BY E.I.A. ADDITIVE **POLITERM® BLU**

Edilteco specialises in the production of lightweight mortar for thermal insulation and structural lightening, based on cement and Politerm® Blu.

**Politerm® Blu** is a virgin expanded polystyrene bead additivated with E.I.A. (Edilteco Insulating Additive); at the heart of Edilteco's technology and the result of over forty years of Research & Development.



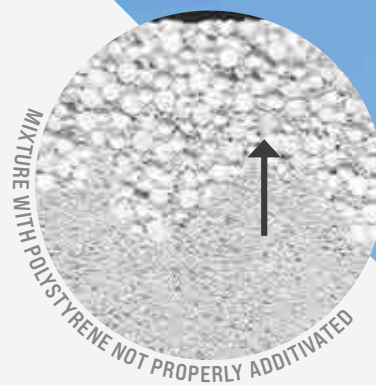
## applications

INTERMEDIATE AND  
FILL LAYERS.  
CONSTRUCTION AND  
STRUCTURAL ELEMENTS.  
SINGLE-LAYER SCREEDS.  
ROOFS.  
TERRACES AND BALCONIES.  
ROAD SURFACES.

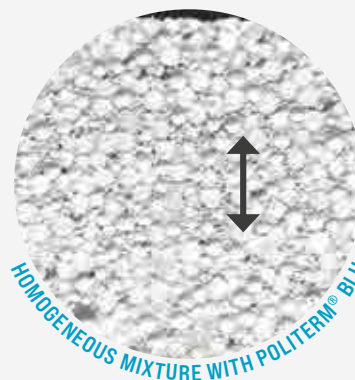
## benefits

### MORTARS AND CONCRETES MADE WITH POLITERM® BLU:

- Guaranteed consistency and uniformity in dosage and thermal and mechanical properties.
- No shrinkage during application or setting.
- Long-term comprehensive dimensional stability. No cracking or swelling during casting.
- Can be pumped to any height with no physical or mechanical changes.
- Lightweight, easy to apply and transport.
- Controlled pH, non-corrosive. No reactions when coming into contact with other materials.
- Ideal for meeting thermal transmittance requirements for floors and roofs, as specified by current regulations, with appropriate thickness.



MIXTURE WITH POLYSTYRENE NOT PROPERLY ADDITIVATED



HOMOGENEOUS MIXTURE WITH POLITERM® BLU

*Installation manual*





## EPS BEADS COATED BY E.I.A. ADDITIVE



### POLITERM® BLU

PRE-ADDITIVATED THERMAL INSULATING  
ULTRA-LIGHTWEIGHT AGGREGATE. BEAD Ø 3-6 MM

POLITERM® BLU is ideal for single-layer screeds, sloping terraces, insulation of attics and pitched roofs, and as a subfloor for low-profile underfloor heating.

**It requires very little water**, dries quickly (1 day per cm), **with zero hygrometric shrinkage**.

**RAL certified**, it is a reliable and durable solution, used in numerous projects worldwide.

#### FEATURES

- + Zero hygrometric shrinkage.
- + Zero seepage.
- + Dimensionally stable.
- + Ultra-low residual moisture.
- + No cracking.
- + RAL certified.

### POLITERM® BLU FEIN

PRE-ADDITIVATED THERMAL INSULATING  
ULTRA-LIGHTWEIGHT AGGREGATE. BEAD Ø ≤ 2 MM

POLITERM® BLU FEIN is ideal for single-layer screeds, sloping terraces, thermal insulation of attics and sloped roofs, and as a subfloor for low-profile underfloor heating.

It is the only product that enables the creation of self-levelling lightweight thermal insulating mortars.

**It requires very little water**, dries in 1 day per cm of thickness, **with zero hygrometric shrinkage**.

**RAL certified**, it is a reliable and durable solution, used in many global projects.

#### FEATURES

- + Zero hygrometric shrinkage.
- + Zero seepage.
- + Dimensionally stable.
- + Ultra-low residual moisture.
- + No cracking.
- + RAL certified.

*Technical datasheet*



*Certifications*



*Technical datasheet*



*Certifications*





## EPS BEADS COATED BY E.I.A. ADDITIVE



Specifically for  
concrete batching plants



### POLITERM® BLU READY MIX

PRE-ADDITIVATED THERMAL INSULATING  
ULTRA-LIGHTWEIGHT AGGREGATE. BEAD Ø 3-6 MM

POLITERM® BLU READY MIX has a **specific formulation for concrete batching plants**, with a higher level of additives. Ideal for single-layer screeds, sloping terraces, insulation of attics and sloped roofs, and as a subfloor for low-profile underfloor heating. **It requires very little water**, dries quickly (1 day per cm), **with zero hygrometric shrinkage**.

**RAL certified**, it is a reliable and durable solution, used in numerous projects worldwide.

#### FEATURES

- + Zero hygrometric shrinkage.
- + Zero seepage.
- + Dimensionally stable.
- + Ultra-low residual moisture.
- + No cracking.
- + RAL certified.

### POLITERM® BLU FEIN READY MIX

PRE-ADDITIVATED THERMAL INSULATING  
ULTRA-LIGHTWEIGHT AGGREGATE. BEAD Ø ≤ 2 MM

POLITERM® BLU FEIN READY MIX has a **specific formulation for concrete batching plants**, with a higher level of additives. Ideal for single-layer screeds, sloping terraces, insulation of attics and pitched roofs, and as a subfloor for low-profile underfloor heating. It is the only product that enables the creation of self-levelling lightweight thermal insulating mortars.

**It requires very little water**, dries in 1 day per cm of thickness, **with zero shrinkage**.

**RAL certified**, it is a reliable and durable solution, used in many global projects.

#### FEATURES

- + Zero hygrometric shrinkage.
- + Zero seepage.
- + Dimensionally stable.
- + Ultra-low residual moisture.
- + No cracking.
- + RAL certified.

*Technical datasheet*



*Certifications*

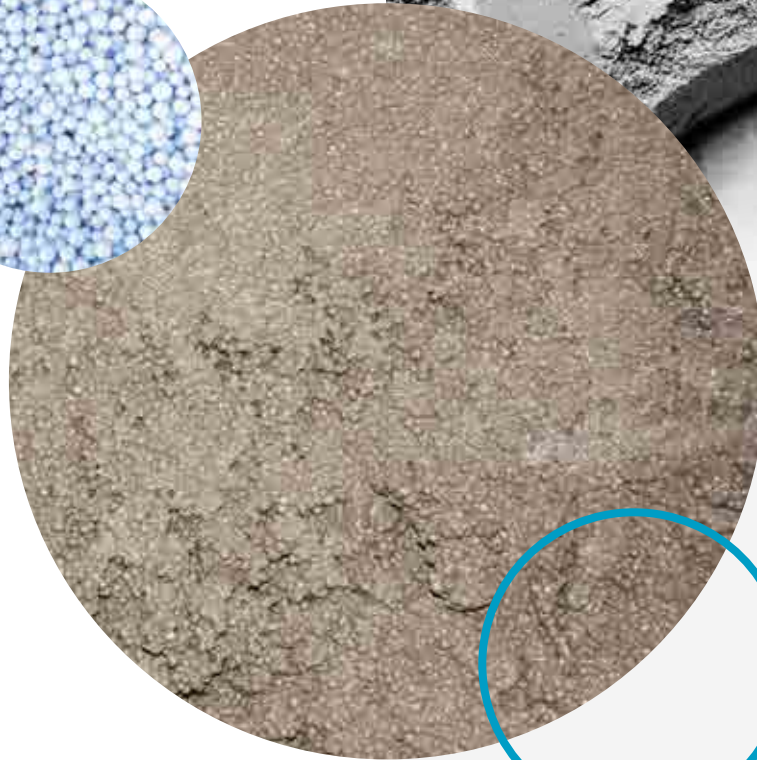
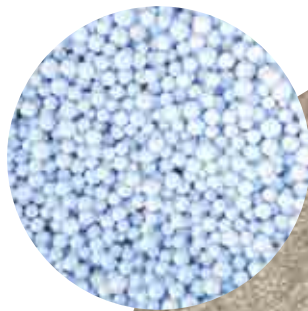


*Technical datasheet*



*Certifications*





## THE LIGHTNESS OF EPS COMBINED WITH CEMENT

### PRE-MIXED LIGHTWEIGHT SUBFLOORS AND SCREEDS **ISOLCAP & CO**

The term “pre-mixed” removes any reasonable doubt about the correspondence between the information included in the technical data sheet and the results achieved on-site. Edilteco pre-mixed products require minimal water for mixing, dry quickly and are free from moisture. **They ensure optimal performance of the flooring system, as required by the UNI 11944 standard.**

Subfloors and screeds made with products from the Isolcap range have total dimensional stability, making them the ideal base for any type of acoustic insulation and for traditional or lowered underfloor heating panels, ensuring long-term performance.

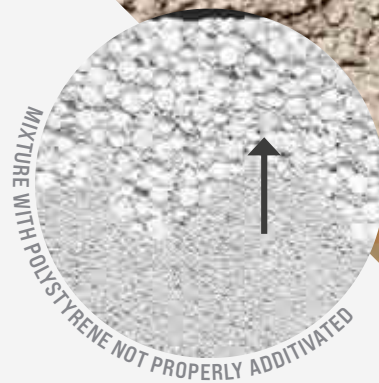
## applications

INTERMEDIATE AND  
FILL LAYERS.  
CONSTRUCTION AND  
STRUCTURAL ELEMENTS.  
SINGLE-LAYER SCREEDS.  
ROOFS.  
TERRACES AND BALCONIES.  
ROAD SURFACES.

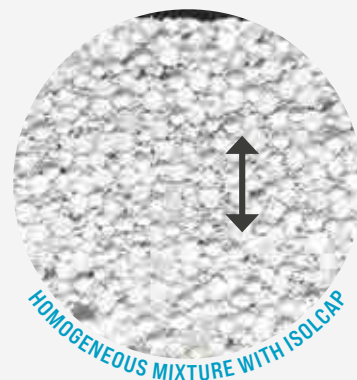
## benefits

### LIGHTWEIGHT MORTARS MADE WITH ISOLCAP:

- Guaranteed consistency and uniformity in dosage and thermal and mechanical properties.
- No shrinkage during application or setting.
- Can be pumped to any height with no physical or mechanical changes.
- Lightweight, easy to apply, and transport.
- Low water requirement for preparation.
- Low water absorption in use.
- Improvement in the seismic behaviour of structures by reducing non-structural permanent loads.
- Improvement in fire performance, classified as A2-s1,d0 (starting from a density of 110 kg/m<sup>3</sup>).



MIXTURE WITH POLYSTYRENE NOT PROPERLY ADDITIVATED



HOMOGENEOUS MIXTURE WITH ISOLCAP

*Installation manual*





## PRE-MIXED LIGHTWEIGHT SUBFLOORS AND SCREEDS



### ISOLCAP LIGHT 110

PRE-MIXED, ULTRA-LIGHTWEIGHT AND THERMAL INSULATING SUBFLOOR. 110 kg/m<sup>3</sup>

ISOLCAP LIGHT 110 is a pre-mixed, lightweight, and thermal insulating subfloor. It offers excellent thermal insulation and significant lightens structures while ensuring uniformity and quality on site.

It requires **very little water**, dries in 1 day per cm of thickness, with **zero hygrometric shrinkage**.

Ideal for technicians and designers, it facilitates projects with high thermal insulation requirements, guaranteeing the values specified in the datasheet.

#### FEATURES

- + Zero hygrometric shrinkage.
- + Zero seepage.
- + Dimensionally stable.
- + Ultra-low residual moisture.
- + No cracking.
- + RAL certified.



Specific plastering machine



Light foot traffic: after 72 hours



Mixing with: cement mixer

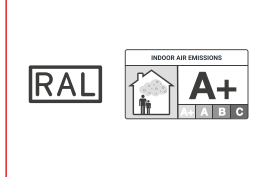


Light foot traffic: after 24 hours

Technical datasheet



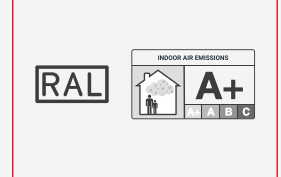
Certifications



Technical datasheet



Certifications





# PRE-MIXED LIGHTWEIGHT SUBFLOORS AND SCREEDS



## ISOLCAP FEIN 300

PRE-MIXED, LIGHTWEIGHT AND THERMAL INSULATING SUBFLOOR. **300 kg/m<sup>3</sup>**

ISOLCAP FEIN 300 is an advanced pre-mixed subfloor. Ideal for lightweight single-layer screeds, for direct bonding of flooring *(details in the installation manual)*.

Suitable for the direct installation of prefabricated, bituminous, and synthetic waterproofing membranes, it guarantees superior effectiveness and durability.

**It requires little water**, dries in 1 day per cm of thickness, **with zero hygrometric shrinkage**.

ISOLCAP FEIN 300 offers excellent thermal insulation combined with an advanced formulation.

### FEATURES

- + Zero hygrometric shrinkage.
- + Zero seepage.
- + Dimensionally stable.
- + Ultra-low residual moisture.
- + No cracking.
- + RAL certified.

## ISOLCAP XX 500

PRE-MIXED, FIBRE-REINFORCED, LIGHTWEIGHT AND THERMAL INSULATING SUBFLOOR. **500 kg/m<sup>3</sup>**

ISOLCAP XX 500 is a pre-mixed subfloor that combines mechanical strength with high thermal insulating performance.

**With integrated polypropylene fibres**, it is exceptionally strong with an excellent load-bearing capacity.

Ideal for applications requiring durability and energy efficiency, ensuring long-lasting high thermal insulation.

ISOLCAP XX 500 is the perfect solution for challenging construction projects, ensuring a hard-wearing and thermal insulating subfloor.

### FEATURES

- + Zero hygrometric shrinkage.
- + Zero seepage.
- + Dimensionally stable.
- + Ultra-low residual moisture.
- + No cracking.
- + RAL certified.



Specific plastering machine



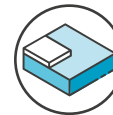
Ceramic/porcelain stoneware: after 96 hours



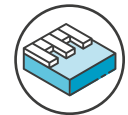
Floating parquet: after 7 days



Specific plastering machine



Ceramic/porcelain stoneware: after 5 days



Floating parquet: after 10 days

Technical datasheet



Certifications



Technical datasheet



Certifications





## PRE-MIXED LIGHTWEIGHT SUBFLOORS AND SCREEDS



$\lambda_0 =$   
**0.095**  
W/mK



$\lambda_0 =$   
**0.176**  
W/mK

### ISOLCAP SPEED 525

PRE-MIXED, FAST DRYING, LIGHTWEIGHT AND THERMAL INSULATING SUBFLOOR. **525 kg/m<sup>3</sup>**

ISOLCAP SPEED 525 is an ultra-fast drying pre-mixed subfloor, ideal for speeding up flooring installation. It has high mechanical strength, good thermal insulation, and dries quickly. Designed for anyone seeking superior thermal and mechanical efficiency and performance, ISOLCAP SPEED 525 **minimises waiting times, speeds up the finishing process, and enables rapid resumption of work.**

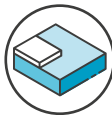
Perfect for environments requiring fast installation without compromising on quality.

#### FEATURES

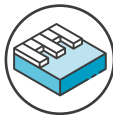
- + Zero hygrometric shrinkage.
- + Zero seepage.
- + Dimensionally stable.
- + Ultra-low residual moisture.
- + No cracking.
- + RAL certified.



Specific plastering machine



Ceramic/porcelain stoneware: after 24 hours



Floating parquet: after 48 hours



Specific plastering machine



Ceramic/porcelain stoneware: after 6 days

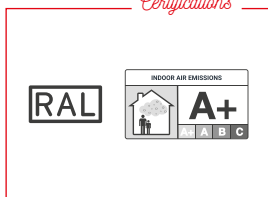


Floating parquet: after 12 days

Technical datasheet



Certifications



Technical datasheet



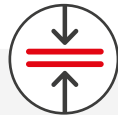
Certifications







# PRE-MIXED LIGHTWEIGHT SUBFLOORS AND SCREEDS



Thickness:  
1 - 15 cm



## LA CHAPE XXS®

PRE-MIXED, LIGHTWEIGHT AND FIBRE-REINFORCED, ULTRA LOW-PROFILE SCREED. 1200 kg/m<sup>3</sup>

LA CHAPE XXS® is the innovative screed, ideal for low-profile applications, starting from just 1 cm.

Perfect for renovations and projects with height restrictions, it provides high quality and resistance. It ensures excellent workability on uneven surfaces, providing **impeccable levelling** and a solid base for any type of flooring. Its advanced formula guarantees high mechanical strength, eliminating the need for additional thicknesses.

LA CHAPE XXS® is the optimal solution for high-performance screeds that reduce static loads, for more sustainable and efficient constructions.

### FEATURES

- + Zero hygrometric shrinkage.
- + Zero seepage.
- + Dimensionally stable.
- + Ultra-low residual moisture.
- + No cracking.

## KRONOS

PRE-MIXED, MEDIUM/FAST DRYING SCREED. 1570 kg/m<sup>3</sup>

KRONOS is Edilteco's pre-mixed screed, with **medium-fast drying and compensated shrinkage performance**.

Ideal for internal and external filling layers, it optimises work times and reduces waiting times before flooring installation. It ensures consistent quality, preventing loss of volume and hydraulic shrinkage. Perfect for installation on radiant panels, it provides high mechanical performance and good thermal conductivity.

KRONOS is compatible with all types of slabs and lightweight subfloors, ideal for coverings in ceramic, natural stone, marble, wood, and other materials.



Light foot traffic:  
after 12 hours



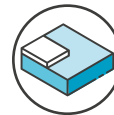
Ceramic/porcelain  
stoneware:  
after 24 hours



Floating parquet:  
after 3 days



Light foot traffic:  
after 14 hours



Ceramic/porcelain  
stoneware:  
after 48 hours



Floating parquet:  
after 7 days

Technical datasheet



Certifications



Technical datasheet



Certifications





## PRE-MIXED LIGHTWEIGHT SUBFLOORS AND SCREEDS



Thickness:  
1 - 10 mm



Thickness:  
5 - 30 mm

### KRONOS AUTOLIV

PRE-MIXED SELF-LEVELLING FINISHING COAT  
FOR LOW-PROFILE APPLICATIONS. 1-10 MM

KRONOS AUTOLIV is ideal for levelling subfloors with **thicknesses from 1 to 10 mm**, ensuring precision and quality. This pre-mixed self-levelling mineral-based mortar is easy to apply, both manually and mechanically, for smooth and hard-wearing surfaces. Perfect for floors in PVC, carpet, laminate, ceramic tiles, and epoxy resins.

Also suitable for subfloors with POLITERM® BLU and ISOLCAP, KRONOS AUTOLIV provides a solid and uniform base, ready for ceramic tiles, porcelain stoneware, or parquet.

### KRONOS AUTOLIV 5-30

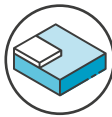
PRE-MIXED SELF-LEVELLING FINISHING COAT  
FOR LOW-PROFILE APPLICATIONS. 5-30 MM

KRONOS AUTOLIV 5-30 provides precision and quality for subfloors levelling with **thicknesses from 5 to 30 mm**. This pre-mixed self-levelling mineral-based mortar is easy to apply, both manually and mechanically, for smooth surfaces, ready for any type of finish. Perfect for floors in PVC, carpet, laminate parquet, ceramic tiles, and epoxy resins, it is also ideal for correcting existing subfloors and preparing them for the installation of ceramic, porcelain stoneware, and natural stone tiles.

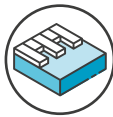
KRONOS AUTOLIV 5-30 guarantees superior self-levelling and strength.



Mixer  
drill



Ceramic/porcelain  
stoneware:  
after 24 hours



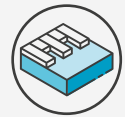
Floating parquet:  
after 7 days



Specific  
plastering machine



Ceramic/porcelain  
stoneware:  
after 48 hours



Floating parquet:  
after 7 days

*Technical datasheet*



*Certifications*



*Technical datasheet*



*Certifications*



# NEW SELF- LEVELLING

A self-levelling product is a special mortar designed to **level uneven surfaces and create perfectly uniform bases.**

Using a self-levelling product offers a number of benefits. Firstly, its application is extremely simple due to its formulation, which allows the material to spread evenly **eliminating the need for intensive manual labour.**

Additionally, a self-levelling product ensures a smooth and even surface, essential for installing floor coverings such as PVC, carpet, laminate, ceramic tiles, and epoxy resins.

The quality of the final result is significantly improved, as a well-levelled base prevents future issues related to floor irregularities, such as crack formation or deterioration of surface finishes.





## LIGHTNESS AND ENERGY PERFORMANCE IN A SINGLE RANGE

### CERTIFIED FLOORING SYSTEM **ARIETE**

With Ariete products, your flooring is 3 times lighter\*.

The Ariete 250 F<sup>®</sup> subfloor is pre-mixed with 250 kg/m<sup>3</sup> of cement, while the screed is pre-mixed with 825 kg/m<sup>3</sup>. Given that a “typical” subfloor made with cellular concrete does not fall below 400 kg/m<sup>3</sup>, it is easy to see how much weight is saved with this system. Additionally, the Ariete screed and subfloor **require very little water for mixing**, thus protecting your flooring finish from potential cracks or breaks.

*\* Compared to a traditional sand-cement floor.*

## *applications*

INTERMEDIATE AND  
FILL LAYERS.  
LIGHTWEIGHT SUBFLOORS.  
SINGLE-LAYER SCREEDS.  
ROOFS.  
TERRACES AND BALCONIES.  
CONSTRUCTION AND  
STRUCTURAL ELEMENTS.  
ROAD SURFACES.

## *benefits*

### THE ARIETE FLOORING SYSTEM, FROM FLOOR SLAB TO FINISH:

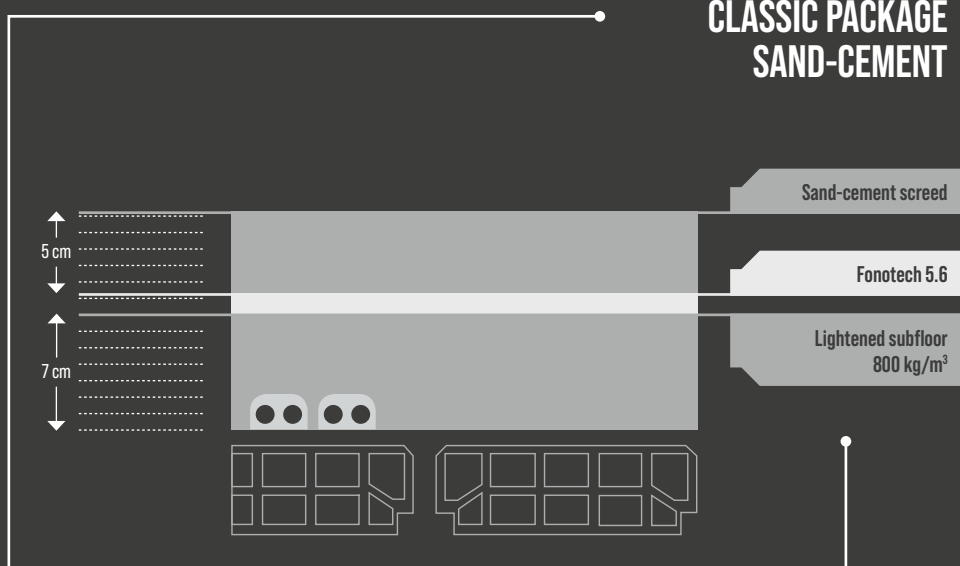
- Ultra-lightweight: improves seismic behaviour of structures by reducing non-structural permanent loads with its components.
- Dry: meets the UNI 11493 standard for residual moisture.
- Effective impact sound insulation: for highly effective acoustics.
- Insulating: meets the requirements of Italian Law 10 with minimal thickness.
- Low water requirement: both the subfloor and screed require minimal water for preparation and can be pumped to any height with no physical or mechanical changes.
- No shrinkage: during installation or setting.
- Excellent thermal and mechanical properties: due to the quality and uniformity of the mortar.



MIXTURE WITH POLYSTYRENE NOT PROPERLY ADDITIVATED

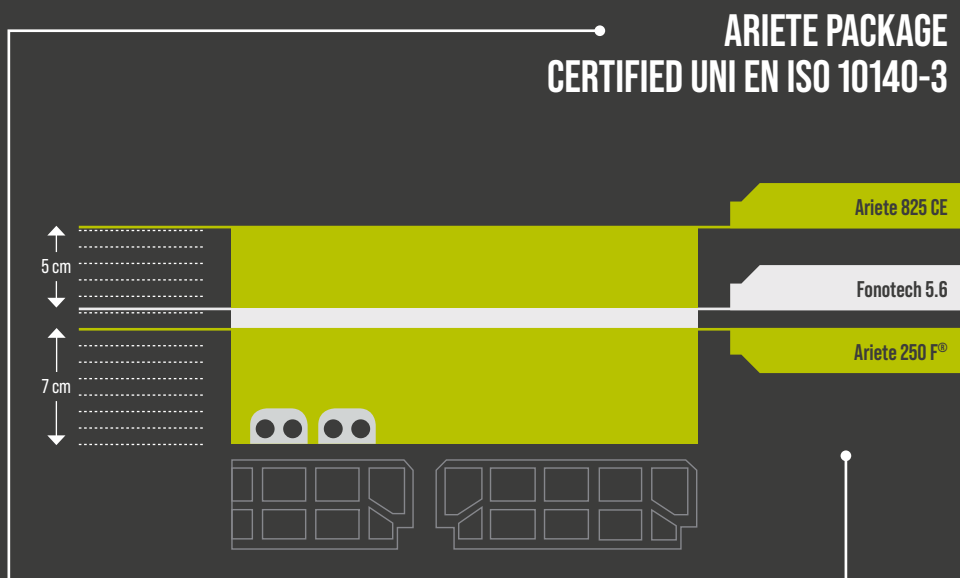
HOMOGENEOUS MIXTURE WITH ARIETE

# HOW MUCH DOES A FLOOR WEIGH?



**160.5**

Total weight of 1 m<sup>2</sup> of the "classic" package with a thickness of 12 cm



**59.6**

Total weight of 1 m<sup>2</sup> of the "ARIETE" package with a thickness of 12 cm



## SUBFLOOR AND SCREED



### ARIETE 250 F®

PRE-MIXED, LIGHTWEIGHT AND THERMAL INSULATING SUBFLOOR. **250 kg/m³**

ARIETE 250 F® is designed to provide a high-quality, easy-to-apply, thermal insulating solution, adapting seamlessly to any type of project. This product is an excellent solution for anyone seeking **high performance in radiant floor systems, especially in low-profile applications.**

This product **requires very little mixing water**, ensuring exceptional drying times (1 day per centimetre of thickness) **with zero hygrometric shrinkage**, even delayed over time (no reduction in the volume of the mixture mass).

#### FEATURES

- + Zero hygrometric shrinkage.
- + Zero seepage.
- + Dimensionally stable.
- + Ultra-low residual moisture.
- + No cracking.
- + RAL certified.



Specific plastering machine



Mixer drill



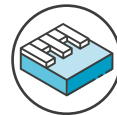
Light foot traffic: after 24 hours



Specific plastering machine



Ceramic/porcelain stoneware: after 6 days



Floating parquet: after 12 days

*Technical datasheet*



*Certifications*



*Technical datasheet*



*Certifications*





# ALTERNATIVE TO “TRADITIONAL EXTERNAL INSULATION SYSTEM”

## THERMAL INSULATING PLASTERS **ISOLTECO®**

The **Isolteco®** plasters range stands out for its quality, performance, and versatility among the various systems available for thermal insulation of buildings.

Isolteco® plasters are competitively priced and easy to apply, with no external factors compromising the results.

They lead to significant energy savings both in winter, reducing fuel consumption for heating (natural gas, oil, electricity), and in summer by decreasing the use of air conditioning (saving on electricity and maintenance costs).



## applications

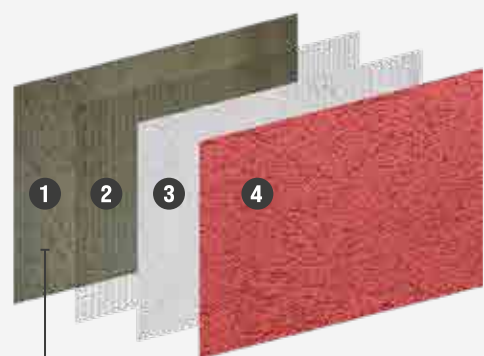
THERMAL INSULATION OF INTERNAL CEILINGS AND EXTERNAL PORTICOS.  
THERMAL INSULATION OF EXTERNAL WALLS.  
THERMAL INSULATION OF PERIMETER AND INTERNAL PARTITION WALLS.  
ELIMINATION OF THERMAL BRIDGES.  
PROTECTION FROM RAINWATER ON FACADES, BEAMS, COLUMNS, ETC.



## benefits

### THERMAL INSULATING PLASTERS MADE WITH ISOLTECO®:

- Can be applied both indoors and outdoors.
- For long-lasting thermal insulation performance.
- High breathability index, to help combat rising damp.
- Excellent bonding to the substrate, even if uneven and/or composed of different materials.
- Suitable for variable and uneven thicknesses, and on nearly all types of substrates.
- Option to leave unfinished or complete with levelling coats and subsequent finishing layers.
- Good acoustic absorption (installation without skimming coat).
- No restrictions on the choice of aesthetic finish.



1. ISOLTECO® thermal insulating plaster.
2. Plaster reinforcing mesh.
3. Ecap® ADP adhesive - levelling finish.
4. Finish - Ecap® SC coloured paint.

*Installation manual*





# THERMAL INSULATING PLASTERS



$\lambda_0 =$   
**0.043**  
W/mK



$\lambda_0 =$   
**0.058**  
W/mK

## ISOLTECO® LIGHT 110

ULTRA-LIGHTWEIGHT PRE-MIXED PLASTER,  
PROVIDING EXCELLENT THERMAL INSULATION. **110 kg/m<sup>3</sup>**

ISOLTECO® LIGHT 110 is a leader in thermal insulation, combining lightness, energy efficiency, and ease of use. Ideal for external thermal insulation, internal walls, ceilings, and thermal bridge correction, it **provides uniform application on uneven surfaces, overcoming the limitations of traditional systems.**

Perfect for new builds, renovations, and facade restoration, ISOLTECO® LIGHT 110 improves the energy efficiency and comfort of buildings, ensuring superior thermal performance and ease of application.

## ISOLTECO® 150

PRE-MIXED PLASTER,  
PROVIDING EXCELLENT THERMAL INSULATION. **150 kg/m<sup>3</sup>**

ISOLTECO® 150 balances thermal efficiency and ease-of-use. This pre-mixed plaster is ideal for external thermal insulation, internal walls, and ceilings, improving the energy efficiency of buildings. Perfect for new builds, renovations, and energy upgrades, it ensures uniform application on a variety of surfaces. It combines **excellent thermal performance and versatility**, guaranteeing long-lasting results and quality finishes.

ISOLTECO® 150 is effective in eliminating thermal bridges and protecting facades from rainwater, making it a valuable ally for thermal insulation.



Specific plastering machine



Min/max thickness: 2 - 20 cm



Specific plastering machine

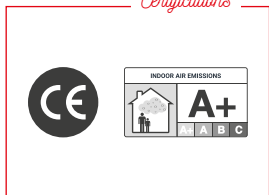


Min/max thickness: 2 - 20 cm

Technical datasheet



Certifications



Technical datasheet



Certifications





## THERMAL INSULATING PLASTERS



### ISOLTECO® 230

PRE-MIXED PLASTER,  
PROVIDING EXCELLENT THERMAL INSULATION. 230 kg/m<sup>3</sup>

ISOLTECO® 230 is a top-of-the-range thermal insulating plaster, ideal for improving the energy efficiency of buildings. Perfect for external thermal insulation, internal walls, ceilings, protection from rainwater, and elimination of thermal bridges, it is versatile for new builds, renovations, and restorations.

The innovative formula of ISOLTECO® 230 ensures **easy and uniform application**, providing a high-quality finish on various surfaces.

This plaster provides superior thermal performance, making it an excellent choice for improving the energy efficiency and comfort of buildings.



Mixing with:  
cement mixer



Specific  
plastering machine



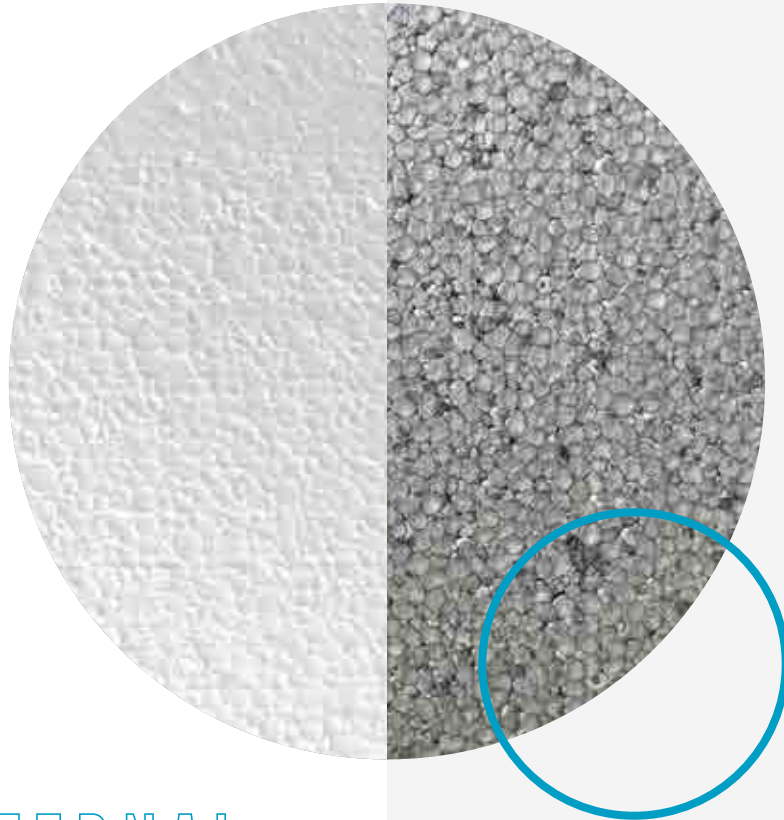
Min/max thickness:  
2 - 20 cm

*Technical datasheet*



*Certifications*





## THE EXTERNAL INSULATION SYSTEM IN EPS... AND MORE!

### THERMAL INSULATING SYSTEM WITH PANELS **EDIL-THERM®**

**EDIL-Therm®** is an internal and external thermal insulation system consisting of expanded polystyrene panels and more!

The EDIL-Therm® system delivers an excellent high performance with the option of customised aesthetic solutions, thanks to a wide range of decorative finishes.

In recent years, we have expanded the range by adding PIR panels, made of rigid polyurethane foam with various coatings (fibreglass, aluminium). Perfect for providing a high level of thermal insulation for roofs (flat and pitched) and floors (including underneath floating floors).



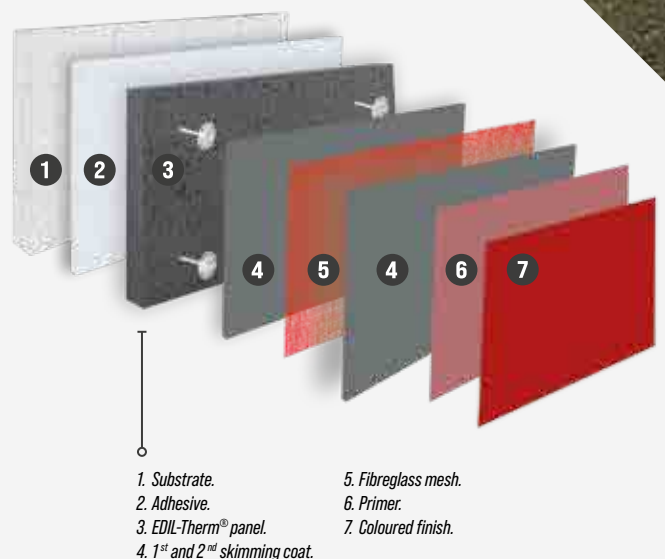
## applications

INTERNAL THERMAL INSULATION OF WALLS, CEILINGS, AND SLABS.  
EXTERNAL THERMAL INSULATION AND FINISHING OF WALLS AND SLABS (E.G. PORTICOS).  
ELIMINATION OF THERMAL BRIDGES.

## benefits

EDIL-THERM® - THE TRADITIONAL EXTERNAL INSULATION SYSTEM:

- It provides thermal insulation performance that meets the energy certification requirements of current standards.
- It improves both the energy efficiency and visual appeal of the building.
- No need to vacate living spaces during installation.
- Maintains constant external wall temperatures, for improved comfort in both summer and winter.
- Eliminates thermal bridges in a single step.

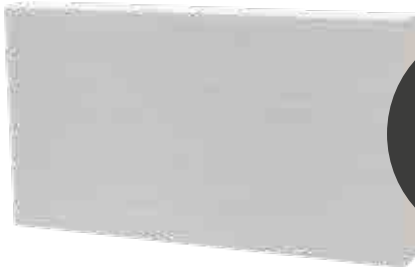


Approved system

E·T·A



## THERMAL INSULATING PANELS



$\lambda_0 =$   
**0.038**  
W/mK

### EDIL-THERM® L

EPS PANEL FOR EXTERNAL THERMAL INSULATION

EDIL-THERM® L is a Class 100 EPS panel, ideal for the thermal insulation of buildings. It combines lightness, ease of installation, and high performance.

Perfect for external thermal insulation, it **improves energy efficiency** and **optimises living comfort** by keeping the indoor environment warm in winter and cool in summer.



$\lambda_0 =$   
**0.031**  
W/mK

### EDIL-THERM® GT

GRAPHITE EPS PANEL  
FOR EXTERNAL THERMAL INSULATION

EDIL-THERM® GT, in Class 100 EPS with graphite, offers superior thermal performance. Ideal for external thermal insulation, it **improves energy efficiency** and **optimises living comfort**.

It keeps the indoor environment warm in winter and cool in summer, making it perfect for multiple applications.

*Technical datasheet*

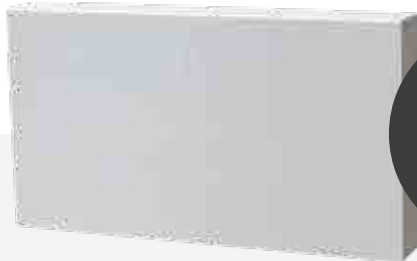


*Technical datasheet*

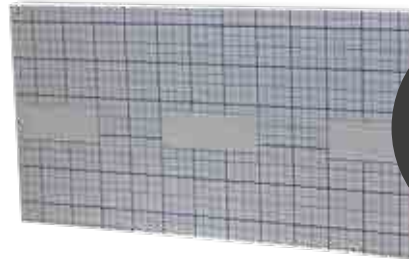




## THERMAL INSULATING PANELS



$\lambda_0 =$   
**0.031**  
W/mK



$\lambda_0 =$   
**0.022**  
W/mK

### EDIL-THERM® DUO

GRAPHITE EPS PANEL, COATED WITH A PROTECTIVE, UV-RESISTANT LAYER IN WHITE EPS, FOR EXTERNAL THERMAL INSULATION

EDIL-THERM® DUO combines Class 100 EPS with graphite and a layer of white EPS, protecting the panel from solar radiation. It provides high dimensional stability and rapid installation, **eliminating the problem of sunlight exposure typical of graphite panels.**

No shade netting required during installation, thus reducing costs and completion times.

### EDIL-THERM® PIR-ALU

RIGID EXPANDED POLYURETHANE PANEL WITH ALUMINIUM COATING ON BOTH SIDES

EDIL-THERM® PIR-ALU combines the insulating properties of polyurethane with the strength of aluminium. Ideal for new builds and thermal upgrades, it is perfect for flat and sloped roofs, ensuring a “warm roof” and energy efficiency.

**It optimises floor insulation, preventing heat loss.**

Polyurethane ensures excellent insulation with minimal bulk, while aluminium reflects heat and protects the insulating core, increasing durability.

*Product page*

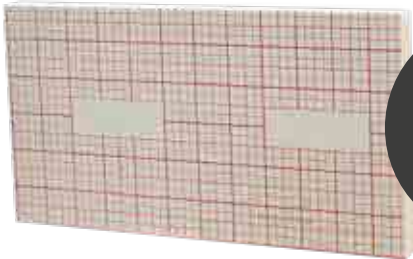


*Product page*





## THERMAL INSULATING PANELS



$\lambda_0 =$   
**0.025**  
W/mK

### **EDIL-THERM® PIR-VELLO** RIGID EXPANDED POLYURETHANE PANEL WITH FIBREGLASS COATING ON BOTH SIDES

EDIL-THERM® PIR-VELLO combines the insulation of rigid expanded polyurethane with a fibreglass coating on both sides, resulting in excellent energy efficiency. Ideal for new buildings and renovations, it is **perfect for flat and pitched roofs and floor insulation**, reducing heat loss.

**The fibreglass coating facilitates bonding with adhesives and the application of finishes**, thus increasing installation options.



$\lambda_0 =$   
**0.020**  
W/mK

### **EDIL-THERM® PIR-PREMIUM** RIGID EXPANDED POLYURETHANE PANEL WITH ALUMINIUM COATING ON BOTH SIDES

EDIL-THERM® PIR-PREMIUM combines rigid expanded polyurethane with double aluminium coating, providing excellent thermal insulation. Ideal for new projects and energy upgrades, it is **perfect for flat and sloped roofs**, ensuring a "warm roof".

**The aluminium coating protects against damp and damage**, increasing durability. Lightweight and easy to cut for quick and simple installation.


*Product page*



*Product page*

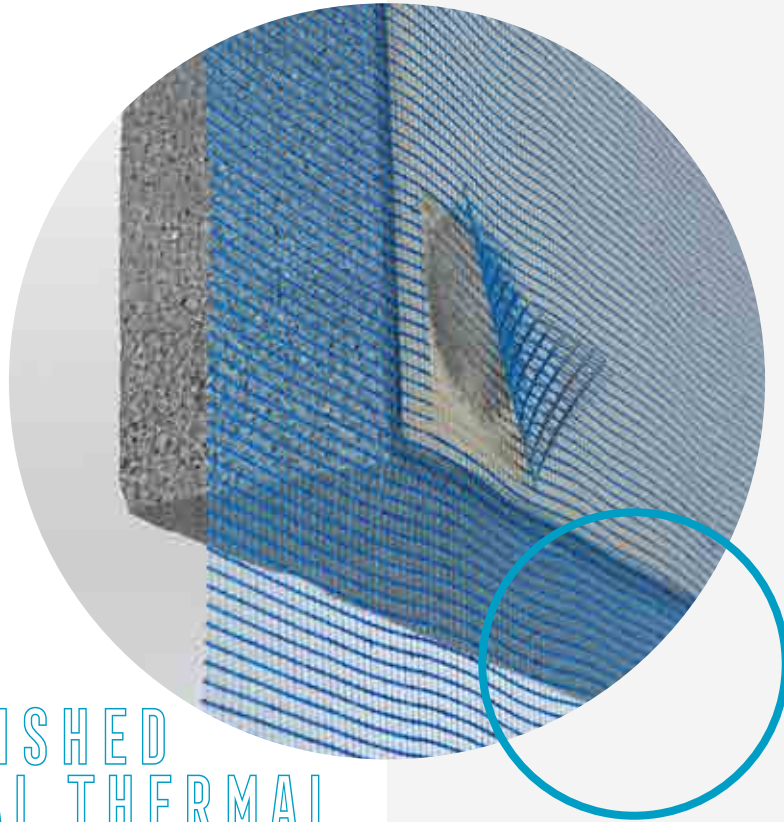






In line with Edilteco's principles of eco-sustainable living, the thermal insulation system significantly reduces the emissions produced by homes.

**Choosing to install a thermal insulation system in your home is a responsible decision that contributes to safeguarding the future well-being of our planet.**



PRE-FINISHED  
EXTERNAL THERMAL  
INSULATION  
THAT ELIMINATES  
INSTALLATION  
ERRORS

THERMAL INSULATING  
SYSTEM WITH  
PRE-FINISHED PANELS  
**ECAP®**

**Ecacp®** is a thermal insulation system for both external and internal applications, consisting of a range of pre-finished thermal insulating panels with an initial skimming coat, embedded fibreglass mesh and overlaps, including anchor slots. After installation on site, all that is needed is a full plastering and skimming coat cycle, that cuts down on installation times and minimises the possibility of making mistakes.

The pre-applied levelling layer also protects the panels from sunlight, thus preventing them from being deformed and eliminating the need for shade netting on the scaffolding.



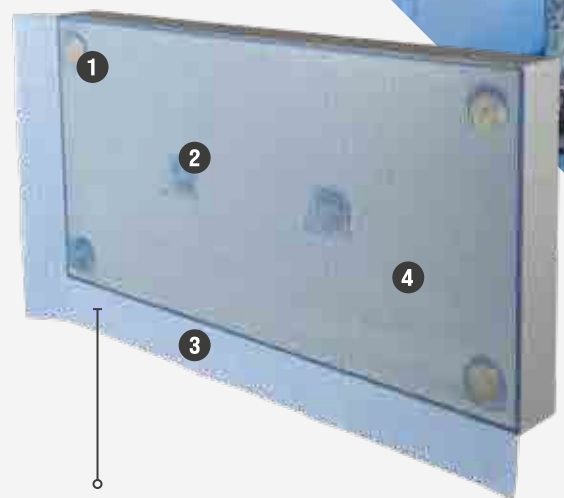
## *applications*

INTERNAL THERMAL INSULATION OF WALLS, CEILINGS, AND SLABS.  
EXTERNAL THERMAL INSULATION AND FINISHING OF WALLS AND SLABS (E.G. PORTICOS).  
ELIMINATION OF THERMAL BRIDGES.

## *benefits*

### ECAP® - THE PRE-FINISHED EXTERNAL INSULATION SYSTEM:

- It provides thermal insulation performance that meets the energy certification requirements of current standards.
- The pre-applied skim coating protects the panels during construction from weather damage and sunlight.
- For fast and secure installation that shortens scaffolding time.
- Suitable for both internal and external thermal insulation of new buildings, prefabricated structures, and for façade refurbishment or rehabilitation.
- Installation can be performed even in adverse weather conditions.



1. Anchors slots embedded in the profile of the skim coating.
2. Anchors slots embedded in the profile of the skim coating with perforated mesh.
3. Fibreglass mesh with overlays integrated in the skim coating.
4. Pre-applied cementitious skim coating.

*Installation manual*





## PRE-FINISHED THERMAL INSULATING PANELS



$\lambda_0 =$   
**0.038**  
W/mK

### **ECAP® L** PRE-FINISHED EPS PANEL, FOR EXTERNAL THERMAL INSULATION

ECAP® L is a Class 100 EPS panel, ready to use with mesh and the first levelling layer already applied. **This pre-finished system saves a significant amount of time and guarantees a high-quality result.** The perforated mesh facilitates the application of anchors, thus simplifying installation.

Ideal for new builds and renovations, it provides a complete, durable, and easy-to-install solution.

*Technical datasheet*



$\lambda_0 =$   
**0.031**  
W/mK

### **ECAP® GTL** PRE-FINISHED GRAPHITE EPS PANEL, FOR EXTERNAL THERMAL INSULATION

ECAP® GTL combines the efficiency of graphite EPS with a pre-finished system, including mesh and the first levelling layer.

**This panel provides excellent insulating capacity while improving the comfort and energy efficiency of the rooms.**

Ready to use, it simplifies and speeds up installation with its perforated mesh for anchors.

Ideal for external thermal insulation, internal walls and ceilings, and facade rehabilitation, ECAP® GTL guarantees a perfect finish and consistent quality, providing an “all-in-one” solution for new builds and renovations.

*Technical datasheet*





## PRE-FINISHED THERMAL INSULATING PANELS



$\lambda_0 =$   
**0.036**  
W/mK



$\lambda_0 =$   
**0.015**  
W/mK

### ECAP® WOOL

PRE-FINISHED STONE WOOL PANEL,  
FOR EXTERNAL THERMAL INSULATION

ECAP® WOOL is a pre-finished stone wool panel with mesh and the first levelling layer, designed for external thermal insulation systems.

**It provides thermal insulation and fire resistance while reducing installation times and costs.**

The perforated mesh facilitates precise anchoring, while the factory-applied skimming coat ensures an optimal finish.

Perfect for external insulation of walls and ceilings, pre-fabricated constructions, and facade rehabilitation, ECAP® WOOL is a durable, eco-friendly, and high-performance solution.

### ECAP® NANO

PRE-FINISHED AEROGEL PANEL,  
FOR EXTERNAL THERMAL INSULATION

ECAP® NANO is a top-of-the-range thermal insulator, ideal for applications with limited space. It uses **Aerogel technology** and a breathable polypropylene membrane with fibreglass, offering **exceptional thermal conductivity**.

The pre-levelled finish and integrated fibreglass mesh ensure quick and secure installation, with overlaps provided for anchoring.

Perfect when space is limited, ECAP® NANO maximises the energy efficiency of buildings with high thermal performance and minimal thickness.

*Technical datasheet*



*Technical datasheet*





## BONDING, LEVELLING AND AESTHETIC FINISHES

### FINISHES, ADHESIVES AND SKIMMING COATS **ECAP® RANGE**

The **Ecap® Range** of finishing systems offers a wide variety of solutions for coating and decorating both interior and exterior facades, adapting to different types of substrates (such as insulation systems, plaster, etc.).

The comprehensive choice of colours and shades allows you to achieve the desired aesthetic appearance. The high quality of the pigments ensures long-lasting durability of the coating.

The **Ecap® Range** also includes adhesives and skimming coats, available in both powder and ready-to-use paste forms. These are ideal for clean and precise bonding and finishing thermal insulation panels with a skimming coat, ensuring a high-quality aesthetic result.



## *applications*

IDEAL FOR SUPPORTS SUCH AS THERMAL INSULATION SYSTEMS, THERMAL INSULATING PLASTERS, LIME/CEMENT SKIMMING COATS, FACADE REHABILITATION AND VARIOUS TYPES OF CONCRETE, ETC.



ADHESIVES AND SKIMMING COATS



PRIMERS



FINISHES AND PAINTS

## *benefits*

### ECAP® RANGE PRODUCTS:

- Suitable for both new and existing facades.
- Ideal as a coating for painting facades or as a decorative phase in reinforced levelling cycles.
- Excellent coverage of treated surfaces.
- Easy to apply.
- Good durability, gloss, and colour depth.
- Formulation for the complete protection of facades from rain and weather conditions.
- Special additives provide excellent protection against mould and algae.
- Also suitable as finishing products for thermal insulation and dehumidifying cycles (Geco line).



## ADHESIVES AND SKIMMING COATS



### ECAP® ADP

*Adhesive Powder*

**READY-TO-USE, FIBRE-REINFORCED ADHESIVE AND SKIMMING COAT, IN POWDER FORM**

ECAP® ADP is a high-performance fibre-reinforced mineral adhesive and skimming coat, ideal for thermal insulation panels according to ETAG 004 standards. It offers exceptional adhesion on traditional, new, existing, and low-absorption substrates, making it perfect for the restoration of both interior and exterior facades.

Easy to apply, it **guarantees high-quality skimming coats and an impeccable finish**. Dimensional stability and hygrometric shrinkage control allow applications in variable thicknesses from 1 to 10 mm, making it ideal for **levelling horizontal and vertical surfaces**.



### ECAP® APR

*Adhesive Powder Ready*

**READY-TO-USE, CEMENT-FREE SKIMMING COAT IN PASTE FORM**

ECAP® APR is a ready-to-use skimming coat in paste form, renowned for its expandability and flexibility, ideal for external finishes. With exceptional mechanical resistance (Category 2 EN 13498), it is **perfect for buildings exposed to impacts and baseboards**. The cement-free formula ensures compatibility with many construction substrates and facilitates application thanks to its fluidity.

Ideal for repairs, filling cracks, and non-structural micro-fissures, ECAP® APR provides an impeccable and durable finish, creating smooth surfaces while protecting the visual appearance of the building.



Mixer  
drill



Specific  
plastering machine



Application:  
manual



Mixer  
drill



Application:  
manual

*Product page*



*Certifications*



*Product page*



*Certifications*







# PRIMERS



## ECAP® F

*Fixative*

UNIVERSAL READY-TO-USE PRIMER

ECAP® F is a high-performance universal primer, ideal for preparing surfaces before applying micro-coatings or synthetic coatings. Perfect for both exterior and interior use, it has **excellent masking power, hiding imperfections and evening out surfaces**, even on bright colours. It ensures uniform absorption of the subsequent decorative layer, improving coverage and the final effect.

Ideal for professionals, it help create smooth and uniform surfaces, enhancing the beauty and durability of coatings. ECAP® F is Edilteco's high-quality primer solution.

## ECAP® FS

*Silicate Fixative*

UNIVERSAL, FIBRE-REINFORCED, POTASSIUM SILICATE-BASED, READY-TO-USE PRIMER

ECAP® FS is a universal primer based on potassium silicates and siliceous aggregates, ideal for preparing surfaces for micro-coatings or silicate-based coatings. Its formula **promotes strong adhesion through silicization**, ensuring a long-lasting bond with mineral substrates.

Perfect for both exterior and interior use, **it masks imperfections and evens out the base colour**, enhancing the visual appearance and final effect of the coating. It optimizes the breathability of mineral finishes, maintaining the moisture balance of the structures. ECAP® FS guarantees long-lasting, visually flawless results.



Mixer  
drill



Application:  
by brush



Application:  
by roller



Mixer  
drill



Application:  
by brush



Application:  
by roller

*Product page*



*Certifications*



*Product page*



*Certifications*





## FINISHES AND PAINTS



### ECAP® AC

*Acrylic Colour*  
ACRYLIC PASTE FINISH

ECAP® AC enhances exterior finishes by combining visual appearance and protection in a ready-to-use solution. Formulated with acrylic binders in aqueous dispersion, it is ideal for new or existing facades, offering an **excellent protective layer in thermal insulation systems** or reinforced skimming coat cycles.

It withstands rain and adverse weather conditions, preventing mould and algae growth thanks to special additives. The pigmentation ensures long-lasting and vibrant colours.

Available in four grain sizes, ECAP® AC offers versatility and customised finishes, ensuring impeccable results and long-lasting protection for facades.

### ECAP® AP

*Acrylic Paint*  
ACRYLIC WALL PAINT

ECAP® AP is a decorative micro-coating for facades, based on acrylic copolymers and siliceous aggregates in aqueous dispersion. Ideal for both new facades and restoration, it provides a stand-alone solution or serves as a decorative element in reinforced skimming coat cycles.

It forms a barrier against rain and atmospheric agents, **perfect for humid or polluted environments**. It includes additives which protect against mould and algae, keeping surfaces clean. With colour pastes, it ensures durability, brightness, and fullness of colours, offering visual appeal, durability, and resistance over time.



Mixer  
drill



Application:  
manual



Application:  
by brush



Application:  
by roller



Application:  
spraying

*Product page*



*Certifications*



*Product page*





## FINISHES AND PAINTS



### ECAP® STC

*Silicate Colour*

POTASSIUM SILICATE-BASED PASTE FINISH

ECAP® STC is a high-quality mineral coating for facades, based on potassium silicates in aqueous dispersion and compliant with DIN 18363. Suitable for new facades, renovations, and external thermal insulation systems, it offers high vapour permeability, excellent water repellency, and low dirt accumulation.

**Ideal for the restoration of historic centres**, it provides an **elegant visual appearance** and natural protection against mould and algae due to its high pH.

Available in two grain sizes, it guarantees long-lasting colour resistance and brightness, combining visual appearance and performance.

### ECAP® STP

*Silicate Paint*

POTASSIUM SILICATE-BASED WALL PAINT

ECAP® STP is a high-quality exterior micro-coating, based on potassium silicates and siliceous aggregates in aqueous dispersion, compliant with DIN 18363. Ideal for new builds and restorations, it offers **excellent adhesion and high vapour permeability through the silicization process**. Perfect for new and treated substrates, it guarantees excellent whiteness and water repellency.

Simple to apply with brush, roller or airless systems, it can be coloured in a wide variety of shades, offering complete aesthetic customisation, ideal for any urban environment, whether modern or traditional.



Mixer  
drill



Application:  
manual



Application:  
by brush



Application:  
by roller



Application:  
spraying

*Product page*



*Certifications*



*Product page*





## FINISHES AND PAINTS



### ECAP® SC

*Silicone Colour*

**SILOXANE PASTE FINISH**

ECAP® SC is an advanced coating for facades, based on siloxane binders in aqueous dispersion. Ready to use and easily coloured, it is ideal for new and existing facades, including thermal insulation systems.

It provides protection against rain, atmospheric agents, mould, and algae, while maintaining high vapour permeability.

**Perfect for dehumidifying and breathable insulation cycles**, it guarantees visual appeal and functionality. With colour pastes, it ensures durable and vibrant finishes.

Available in two grain sizes, it offers versatility for all needs.

ECAP® SC combines durability, visual appeal, and functionality, enhancing all facades.

### ECAP® SP

*Silicone Paint*

**SILOXANE WALL PAINT**

ECAP® SP is a high-quality exterior micro-coating, formulated with siloxane copolymers and siliceous aggregates in aqueous dispersion. Ideal for new and existing facades, it offers high vapour permeability, **perfect for dehumidifying cycles and breathable environments**.

Suitable for repainting and decoration in reinforced smoothing cycles, it protects against rain, atmospheric agents, mould, and algae.

Pigmentable with colour pastes, it guarantees durable, bright, and full colour finishes. Easy to apply, ECAP® SP combines visual appeal and functionality, offering high-quality, long-lasting results.



Mixer  
drill



Application:  
manual



Application:  
by brush



Application:  
by roller



Application:  
spraying

*Product page*



*Certifications*



*Product page*





## FINISHES AND PAINTS



### ECAP® EP *Elastomeric Paint* ELASTOMERIC WALL PAINT

ECAP® EP is an advanced micro-coating with self-crosslinking elastomeric acrylic binders in aqueous dispersion.

Ideal for existing and new facades, it **combats micro-cracking and fissures, protecting concrete from carbonation.**

It provides protection against rain, atmospheric agents, high humidity, and smog, reducing dirt accumulation.

Special additives ensure resistance to mould and algae, keeping facades clean.

Pigmentable and ready to use, it guarantees superior water repellency and aesthetics, combining durability, visual appeal, and protection for high-quality facades.



Application:  
by brush



Application:  
by roller



Application:  
spraying

*Product page*



# NOSY NEIGHBOURS? YOUR SECRETS ARE SAFE WITH US!

---

**DBRED NOISE REDUCTION** is the Edilteco Group brand specialising in soundproofing and acoustic absorption.

Effective acoustic design must combine the use of the most suitable products for type of environment and noise disturbances it is subjected to.

To effectively address acoustic issues in construction, Edilteco provides companies and design studios with **high-level materials and systems** that help meet acoustic requirements in all types of buildings.

The dBred range includes a wide variety of underlays, boards, felts, and panels with high sound insulation and resilience properties. The products are durable, odourless, resistant to mould and microorganisms, non-polluting, recyclable, pressure-resistant and resistant to alkalis in cement.



*Our Technical Department is on hand to provide you with any additional information you may need: [acustica@edilteco.it](mailto:acustica@edilteco.it)*



# DBRED

Noise Reduction Division



- IMPACT SOUND INSULATION
- AIRBORNE SOUND INSULATION
- ACOUSTIC INNOVATIONS  
BY EDILTECO



# ACOUSTIC COMFORT FROM RECYCLED RUBBER

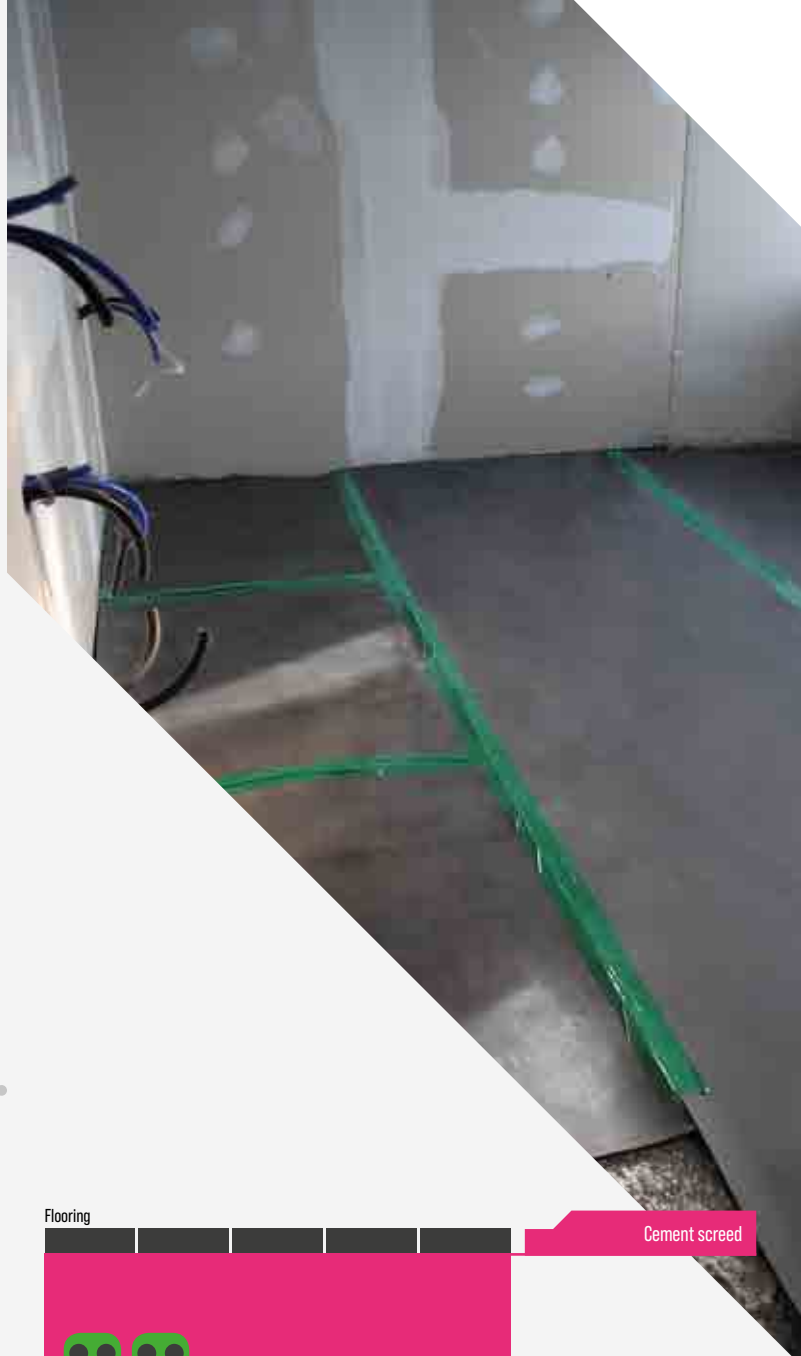
## IMPACT SOUND INSULATION

Addressing acoustic issues in floor structures of residential, office, or other types of buildings is crucial to prevent the transmission of impact noises that travel through the building's structure.

Footfall from people, accidental falling of objects, or dragging objects on the floor generate noise in adjacent spaces, particularly in the rooms below.

It is, therefore, necessary to determine the most suitable acoustic system to achieve the insulation included in the project or meet the required standards as specified by current regulations.





## applications

INSTALLATION UNDER SCREED  
OR UNDER FLOATING FLOORING.  
FLOORS WITH FLOATING SCREED  
SYSTEM OR  
DBRED PIANO ZERO SYSTEM.

## how it works

### DBRED FLOATING SCREED SYSTEM:

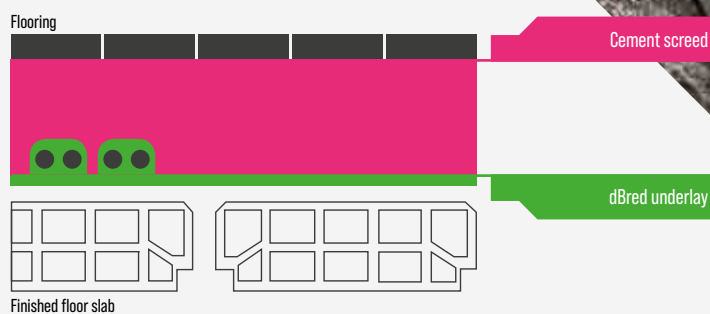
The floating screed system consists of a **finishing screed and flooring installed on an impact sound insulation underlay, completely separated from the floor slab and vertical partitions.**

This set-up prevents impact noise produced on the floor from being transmitted to the underlying and adjacent structures.


The effectiveness and proper functioning of a floating screed impact sound insulation system depend on two essential factors: the first is proper design, aimed at selecting the most suitable material, and the second is the correct installation of the system.


For installation, it is crucial that there are no rigid connections between the perimeter of the screed and the walls or thresholds of doors and windows.

It is important to ensure the continuity of the impact sound insulation underlay and the perimeter strips (to maintain separation from the walls) and, above all, the correct installation of the flooring and skirting boards.



The dBred system for impact noise insulation is complemented by the following accessories:

- 

**DBRED LF5 STRIPS**  
Expanded polyethylene strips for perimeter decoupling of floating screeds.
- 

**DBRED R-STICK GREEN**  
Adhesive tape with a thermosetting rubber adhesive and polyester film backing, for protecting joints between layers of impact sound insulation mats.



## IMPACT SOUND



### DBRED DUETTO COUPLED UNDERLAY, IN ROLLS, FOR IMPACT SOUND INSULATION

DBRED DUETTO is an impact sound insulation underlay in rolls: it combines SBR rubber and cross-linked polyethylene to provide elasticity, durability, and waterproofing. This structure **eliminates the need for an additional waterproofing layer under the screed**, thanks to the polyethylene which acts as a barrier. The joints can be easily sealed with dBred adhesive tapes, ensuring the **continuity of the insulation**.

Ideal for reducing footfall noise on floating screed floors or under low-profile flooring, DBRED DUETTO is perfect for new builds and renovations, improving living comfort and limiting sound transmission between floors in the building.

TYPES	THICKNESSES
DUETTO F3+3	6 mm
DUETTO F5+4	9 mm

*Product page*



### DBRED FONOTECH COUPLED AND DECOUPLED UNDERLAY, IN ROLLS, FOR IMPACT SOUND INSULATION

DBRED FONOTECH is an advanced solution for sound insulation, designed to effectively reduce footfall noise. This underlay, made of cross-linked polyethylene and also **available in a version coupled with polyester fibre**, combines elasticity and ease of use.

The range includes a version with a tear-resistant reflective aluminium film, which simplifies installation and ensures greater resistance.

TYPES	THICKNESSES
FONOTECH 5	5 mm
FONOTECH PLUS 3.6 OVERLAPPED	9 mm
FONOTECH PLUS 5.6 OVERLAPPED	11 mm
FONOTECH 5.6 ANTISCRATCH	11 mm

*Product page*





## IMPACT SOUND



### **DBRED F** UNDERLAY, IN ROLLS, FOR IMPACT SOUND INSULATION

DBRED F is a solution for impact sound insulation, with a range of thicknesses and densities for a variety of design requirements. Made of SBR rubber granules and fibres bound with polyurethane resins (MDI), it provides **excellent elasticity and mechanical resistance**, ensuring optimal and long-lasting soundproofing.

DBRED F is ideal for **reducing footstep noise on floating screed floors** or in the dBred Piano Zero system, with the resilient material installed under the tile adhesive.

Its flexibility makes it suitable as a resilient layer between flat surfaces, for residential and commercial applications.

TYPES	THICKNESSES
F3-7210	3 mm
F5-6010	5 mm
F8-6010	8 mm
F10-6010	10 mm

*Product page*





## IMPACT SOUND



### REGUFOAM SOUND 10

UNDERLAY, IN PANELS,  
FOR IMPACT SOUND INSULATION

REGUFOAM SOUND 10 is a premium solution for sound insulation, ideal for reducing footstep noise.

Available in 17-mm dimpled polyurethane foam panels, it is **designed for horizontal application requiring excellent soundproofing**.

Resistant to deformation, humidity, cracking, and ageing, it offers exceptional durability while maintaining its elasticity over time.

Perfect for floating screed systems, even on lightweight structures, it minimises impact noise and improves living comfort.

Ideal for homes and offices, REGUFOAM SOUND 10 enhances sound insulation quality by combining innovation, reliability, and durability.

*Product page*



### REGUPOL COMFORT 5

UNDERLAY, IN PANELS,  
FOR IMPACT SOUND INSULATION

REGUPOL COMFORT 5 is a high-quality solution for impact sound insulation, ideal for horizontal high-performance systems.

Made from a blend of rubber granules and polyurethane foam, this 5-mm thick underlay provides excellent insulation from impact noise, improving living and working comfort.

Designed for easy use in floating screed systems, it **significantly reduces footfall noise, even in low-profile configurations**.

For wet screeds, protection with a polyethylene sheet is recommended to maintain performance.

*Product page*





## IMPACT SOUND



### REGUPOL SOUND

UNDERLAY, IN PANELS OR ROLLS,  
FOR IMPACT SOUND INSULATION

The REGUPOL SOUND range consists of underlays and panels for high-performance sound insulation. They are designed to offer **exceptional impact sound insulation and significantly reduce the transmission of airborne noise**.

Suitable for floating screed floors, they guarantee superior acoustic performance, even in lightweight structures.

Their versatility and excellent features make them ideal for residential and commercial projects.

Their composition makes them highly resistant to deformation, humidity, cracking, and ageing, while maintaining their elasticity over time.



### REGUPOL SOUND AND DRAIN 22

UNDERLAY, IN ROLLS,  
FOR IMPACT SOUND INSULATION

REGUPOL SOUND AND DRAIN 22 is an advanced solution for impact sound insulation, designed for outdoor applications such as terraces, loggias, and balconies.

This 15-mm elastomeric polyurethane underlay, with a dimpled surface, provides **excellent insulation from impact noise** and includes a **drainage function for rainwater**.

The geotextile film covering protects the underlay and facilitates drainage, preventing harmful stagnation and infiltration.

Ideal for outdoor spaces that are exposed to the elements, REGUPOL SOUND AND DRAIN 22 combines soundproofing with effective water control, ensuring protection and comfort.

TYPES	THICKNESSES
REGUPOL SOUND 47	8 mm
REGUPOL SOUND 12	17 mm
REGUPOL SOUND 17	17 mm

*Product page*



*Product page*





## BARRIER-FREE ACOUSTIC INSULATION

### AIRBORNE SOUND INSULATION

Enhancing the sound insulation of partitions between rooms is crucial to prevent sounds produced in one space during everyday activities from spreading to adjacent spaces.

Often, it is necessary to address both vertical and horizontal partitions to improve their sound insulation, especially in older buildings where internal partitions are made from lightweight, hollow bricks that provide poor soundproofing, particularly compared to modern comfort standards.

With Edilteco's soundproofing materials, improving the acoustic insulation in your home is easy!



## applications

ACOUSTIC INSULATION FOR EXISTING OR NEWLY BUILT WALL PARTITIONS.  
VERTICAL OR HORIZONTAL PARTITIONS WITH A DOUBLE WALL OR FALSE CEILING SYSTEM.

## benefits

WITH DBRED PRODUCTS,  
YOU CAN:

- Improve the soundproofing of existing walls and floors.
- Enhance the sound insulation of cavities in new partitions.
- Create entirely dry walls with high sound insulation performance.

### IMPROVING ACOUSTIC INSULATION OF INTERNAL PARTITIONS:

the dBred product line for this specific use is based on panels of various thicknesses made from selected SBR rubber granules bonded with high-density polyurethane (MDI) resins.

These panels come in two versions:

- **single-layer**, in the DBRED W series, for insertion into cavities of new brick and dry wall partitions;
- **multi-layer**, in the DBRED ZEROBB GIPS series, designed for creating dry wall and ceiling linings, either adhering to existing surfaces or spaced to form new double walls and false ceilings.

The **ZEROBB GIPS** panels are made by combining a gypsum board with a panel made from selected SBR rubber granules bonded with high-density polyurethane (MDI) resins.

The excellent soundproofing features of these boards makes them suitable for building special high-performance acoustic drywall systems or for insertion into the cavity of double brick walls.

*The dBred system for airborne noise insulation is complemented by the following accessories:*

	<b>DBRED F3 STRIPS</b> Resilient rubber SBR strips for under-wall applications.	
	<b>DBRED F3 ADHESIVE STRIPS</b> Pre-adhesive, resilient, under-wall strips made of SBR rubber.	
	<b>DBRED WOOL S/M/L</b> Uncoated stone wool panel with low/medium/high density for sound absorption in cavities.	



## AIRBORNE SOUND



### DBRED W SINGLE-LAYER SOUNDPROOFING PANEL FOR WALL ACOUSTIC INSULATION

DBRED W is designed to correct the acoustics of wall partitions and external walls, making it suitable for work on both existing structures and new builds.

Its ability to effectively mitigate sound makes it an excellent choice for residential environments, offices, professional studios, and anywhere there is a need to improve acoustic quality.

This single-layer soundproofing panel is made of selected SBR rubber granules, bound together with high-density polyurethane (MDI) resins, providing an **effective barrier against unwanted noise**.

TYPES	THICKNESSES
W10	10 mm
W20	20 mm

*Product page*



$R_w$   
33 dB

### DBRED ZEROdB GIPS COUPLED ACOUSTIC PANEL FOR WALL ACOUSTIC INSULATION

DBRED ZEROdB GIPS is designed to increase the acoustic insulation of horizontal and vertical partitions, whether in existing buildings or new constructions. It can be used with both double walls or false ceiling systems. Its effectiveness also makes it **ideal for the creation of high soundproofing dry wall partitions**, contributing to the comfort and liveability of indoor spaces.

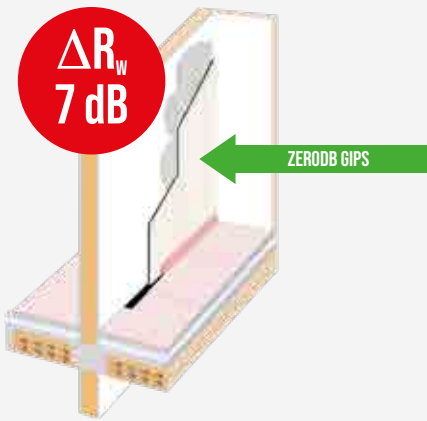
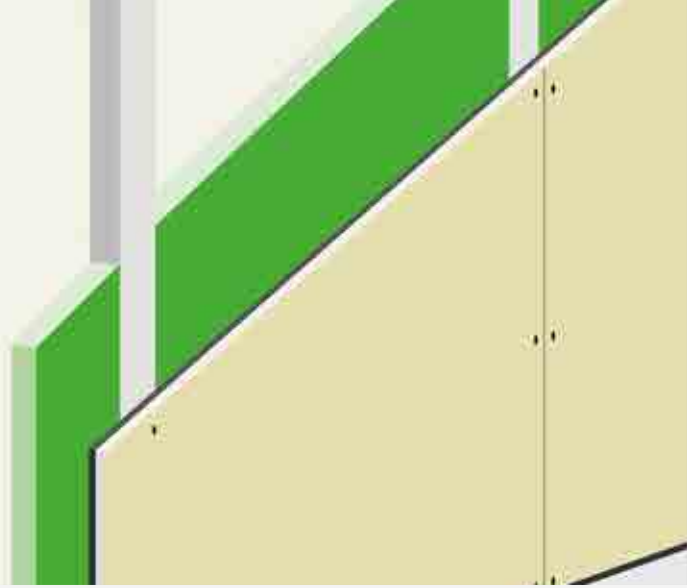
DBRED ZEROdB GIPS combines a plasterboard panel with SBR rubber granules, ensuring a drastic reduction in resonance. Additionally, this coupled panel has a B-s1,d0 fire classification according to UNI EN 13501-1, ensuring safety and compliance with the highest standards.

TYPES	THICKNESSES
ZEROdB GIPS 150-5	20 mm
ZEROdB GIPS 150-10	25 mm

*Product page*



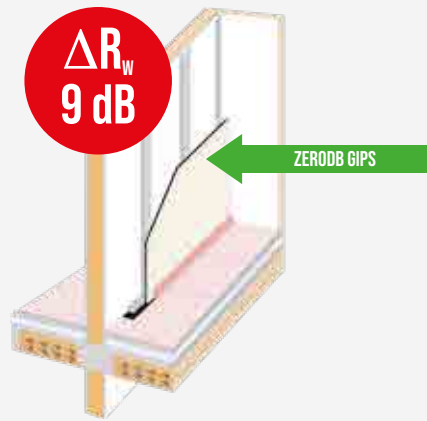




## SOLUTION 1

DIRECT LINING ON THE WALL

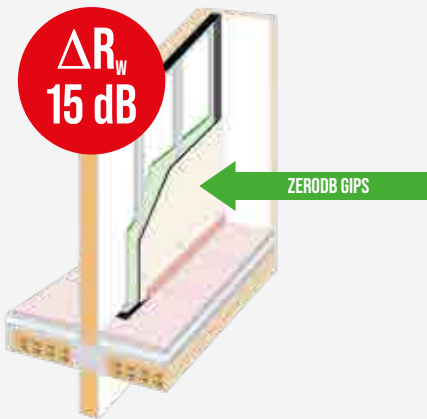
TOTAL THICKNESS OF COVERING: 25 mm.



## SOLUTION 2

PARTIALLY ADHERENT TO THE WALL  
WITH 15-mm-THICK FRAME

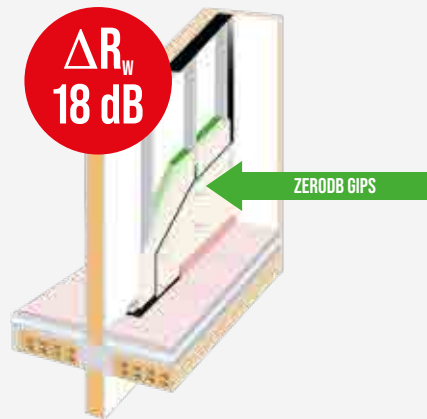
TOTAL THICKNESS OF COVERING: 40 mm.



## SOLUTION 3

SELF-SUPPORTING DOUBLE WALL  
WITH 27-mm-THICK FRAME

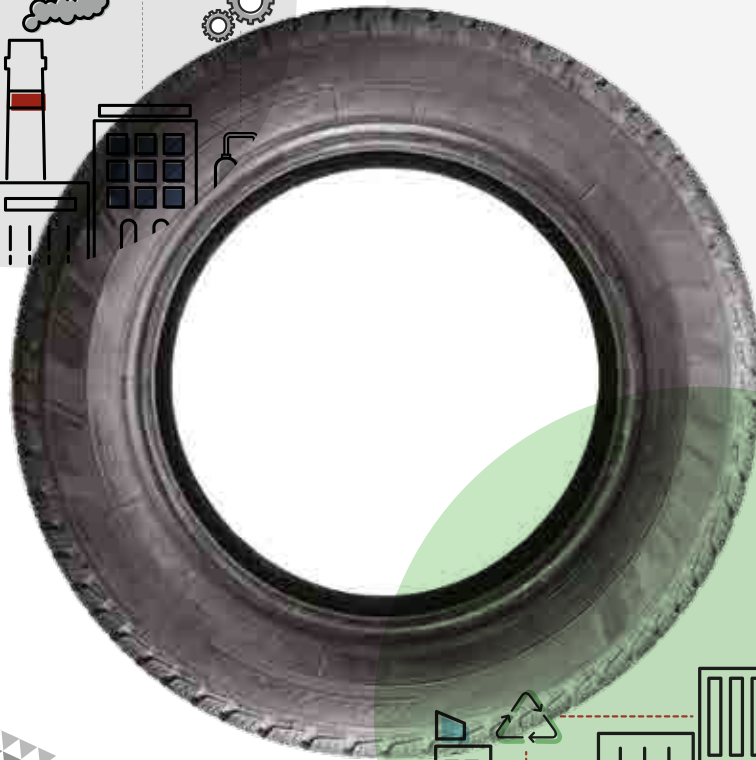
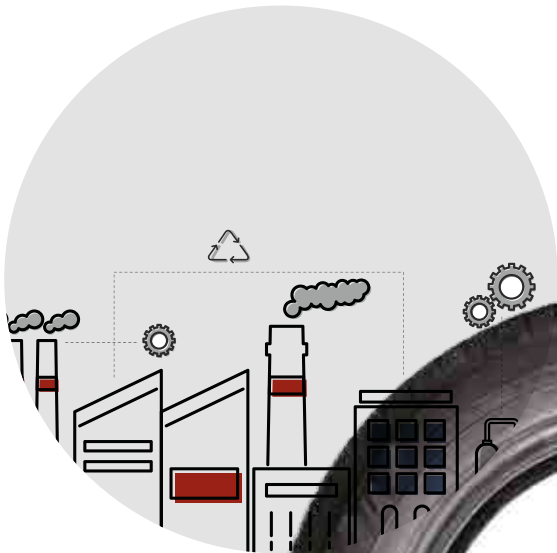
TOTAL THICKNESS OF COVERING: 50 mm.



## SOLUTION 4

SELF-SUPPORTING DOUBLE WALL  
WITH 50-mm-THICK FRAME

TOTAL THICKNESS OF COVERING: 90 mm.



**gumgum**  
spray

## THE SECOND LIFE OF RUBBER

# ACOUSTIC INNOVATIONS BY EDILTECO **GUM GUM SPRAY**

A true **INNOVATION** for the world of acoustics,  
**Gum Gum Spray** can be applied directly on-site!

Made from pre-mixed SBR recycled rubber granules with controlled granulometry, combined with specially selected and pre-measured binders, **Gum Gum Spray** is the impact sound insulation layer to be applied directly at the work site.

Thanks to its innovative, quick, and even application,  
**it eliminates irregularities and ensures continuity of the resilient layer** and high impact noise insulation.

It adapts to any type of structure and is ideal for creating eco-friendly, reduced-thickness floating screeds.



## ACOUSTIC INNOVATIONS BY EDILTECO



### GUM GUM SPRAY *[in bag]* RESILIENT SOUNDPROOFING LAYER IN PRE-MIXED RUBBER GRANULES

GUM GUM SPRAY in bags is suitable for the construction of floating screeds with reduced thickness, ideal for projects requiring superior acoustic insulation without compromising the available space. Its direct application on installations, even without a preliminary levelling layer, **significantly reduces working times and facilitates the installation of the floating screed** and subsequent flooring.

Its application contributes to creating a decoupled flooring system, optimising impact sound insulation and improving the comfort of interior spaces.

### GUM GUM SPRAY *[in bucket]* RESILIENT SOUNDPROOFING LAYER IN PRE-MIXED RUBBER GRANULES

GUM GUM SPRAY in buckets is a practical and easily manageable solution for the construction of floating screeds with reduced thickness. Its direct application on installations, even without a preliminary levelling layer, **significantly reduces working times and facilitates the installation of the floating screed** and subsequent flooring.

Its application contributes to creating a decoupled flooring system, optimising impact sound insulation and improving the comfort of interior spaces.

Perfect for insulating systems housed in trenches created in existing screeds, helping reduce sound transmission through the systems themselves.



Specific  
plastering machine



Light foot traffic:  
after 24-36 hours



Minimum thickness:  
0.6 cm



Application:  
manual



Light foot traffic:  
after 24-36 hours



Minimum thickness:  
0.6 cm

*Product page*



*Installation manual*



*Product page*





## SOUNDPROOFING EXISTING FLOORS

### ACOUSTIC INNOVATIONS BY EDILTECO **PIANO ZERO SYSTEM**

This system involves the direct bonding of ceramic tile flooring onto dBred underlay mats with an SBR rubber layer.

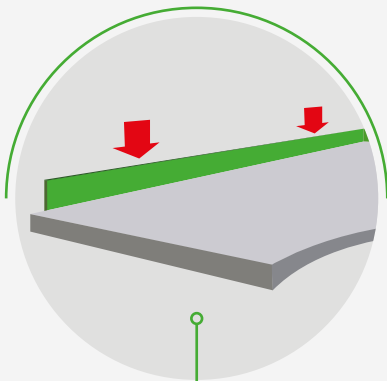
It can be applied in reduced thicknesses, starting from existing cementitious surfaces or pre-existing flooring. The entire application cycle requires cementitious adhesive for flooring.

**This system is particularly suitable for renovation projects of intermediate floor slabs to improve impact noise insulation and reduce structural transmission of impact noise on stairs.**



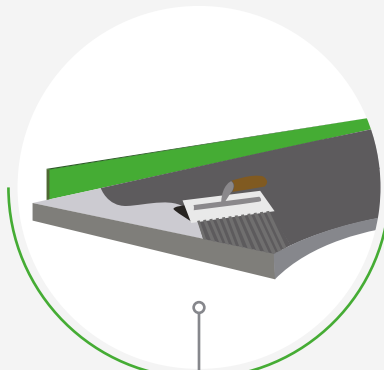
## ACOUSTIC INNOVATIONS BY EDILTECO

### *installation sequences*



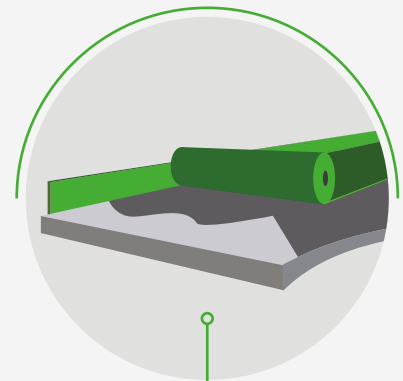
1

Install the DBRED LF5 STRIPS vertically around the entire perimeter.



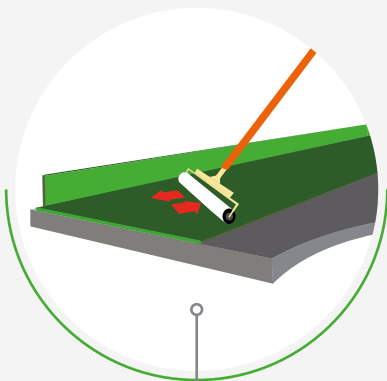
2

Apply the adhesive to the prepared surface.



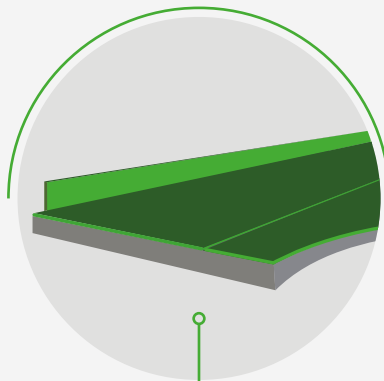
3

Lay the pre-cut dBred rubber underlay mat on the adhesive.



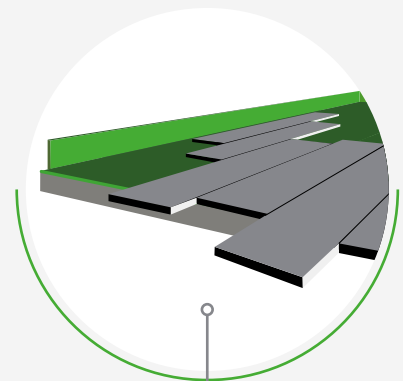
4

Use a roller to press down the underlay mat and ensure the surface is completely covered.



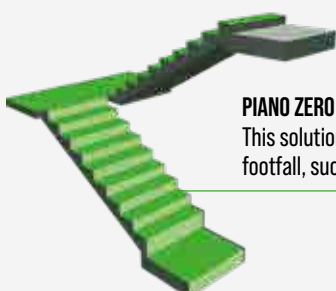
5

Allow the adhesive to set, remove any excess, and seal any imperfections in the joints.



6

Install the new ceramic flooring.



#### **PIANO ZERO SYSTEM FOR STAIRS**

This solution is ideal for insulating structural elements in reinforced concrete subject to footfall, such as stairs and landings.

*Product page*





## SOUND- ABSORBING PLASTER FOR ECHOING SPACES

### ACOUSTIC INNOVATIONS BY EDILTECO **SONOPHONE**

**Sonophone** focuses on the acoustics of indoor environments used for various activities, with the goal of **controlling the propagation of sound within these spaces**. In specific settings such as theatres, auditoriums, or concert halls, sound control aims to achieve a more effective acoustic response, **enhancing listening quality**.

In other cases, the goal is to reduce internal reverberation when it makes the environment uncomfortable:

for example, in restaurants, cafeterias, swimming pools, and churches, where even a small number of people can make the space so noisy that it becomes difficult to hear a single person.



## ACOUSTIC INNOVATIONS BY EDILTECO



### **SONOPHONE** PRE-MIXED PLASTER WITH HIGH ACOUSTIC ABSORPTION

SONOPHONE is an advanced sound-absorbing plaster, specifically designed to **optimise the internal acoustics of buildings**.

This solution is ideal for spray application, combining functionality and aesthetics, and creating indoor environments with excellent soundproofing and visual appeal.

It can be applied to a wide range of surfaces, including gypsum panels, cementitious and concrete plaster, as well as steel surfaces.

Its use is, above all, recommended in settings such as conference centres, schools, cafeterias, and religious buildings, **where the correction of indoor sound reverberation is crucial to improving sound clarity and listening comfort**.

### *installation sequences*

Sonophone is a pre-mixed gypsum- and cellulose-based plaster, requiring only the addition of water and the use of conventional mixers and equipment typical for the mechanical application of lightweight plaster.

Sonophone can be applied using standard or continuous spray plaster machines. The nozzle or cap size and air pressure must be adjusted to achieve the desired surface finish.

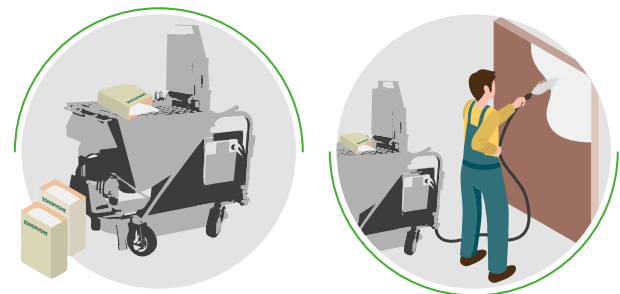
#### **The application to the surface includes:**

- + A single pass for thicknesses up to 13 mm.
- + Multiple successive passes for thicknesses of 14 mm or more, each applied after the previous layer has set.

On Sonophone, mineral-based paints (such as Ecap® STP or similar) can be used, exclusively with airless spray application.



Specific  
plastering machine



*Product page*



**TRICKY  
CALCULATIONS?  
LET US HANDLE  
EVERYTHING!!**

With Edilteco's extensive experience in lightweight thermal insulation mortar, we introduce the PROTHERM LIGHT® range, dedicated to **passive fire protection of buildings in the event of fire**. Our goal remains unchanged: to develop products and tools for construction focused on the well-being and safety of the people who live in these buildings.

The PROTHERM LIGHT® range provides fire protection professionals with effective solutions for passive fire protection of buildings, ideal for strategically important infrastructure such as airports, hospitals, schools, and transportation networks.

Our ongoing commitment to technological development aims to save lives and preserve infrastructure.

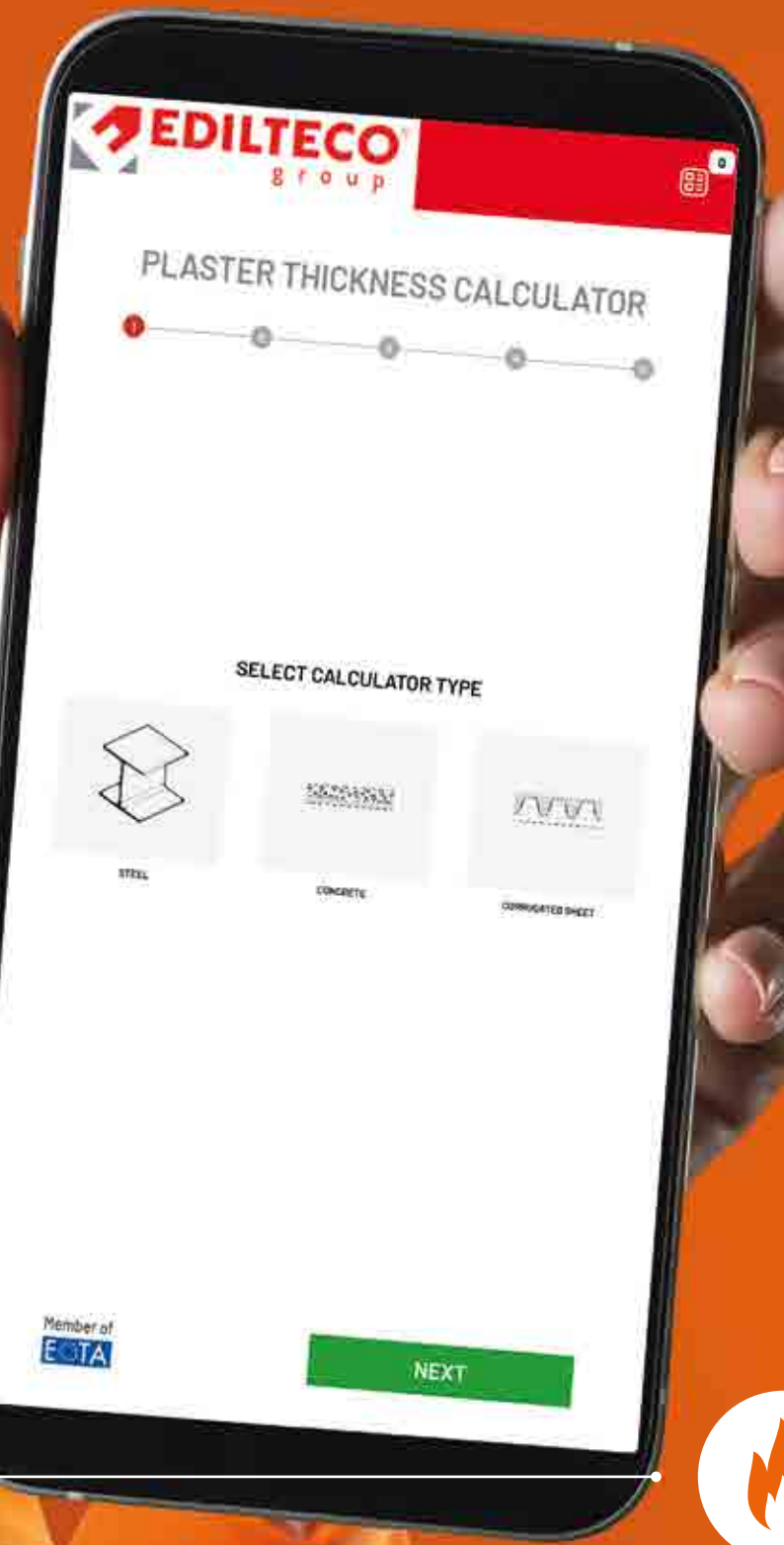
**We are also excited to introduce our new app, designed to facilitate and speed up the design process.**

This innovative application allows technicians to receive sizing recommendations for PROTHERM LIGHT® plaster based on specific requirements and performance needs, making the design process more efficient and accurate.



 Our Technical Department is on hand to provide you with any additional information you may need: [technical@edilteco.com](mailto:technical@edilteco.com)





# PROTHERM light®

Fireproofing Division



→ PASSIVE FIRE PROTECTION PLASTERS



## PROPER DESIGN AND STRATEGIC PRODUCTS

### PASSIVE FIRE PROTECTION PLASTERS **PROTHERM LIGHT®**

By choosing our **Protherm Light®** plasters range, customers benefit from:

- + Proven fire protection, with reduced damage and preservation of structures.
- + Professional installation, compliant with safety regulations.
- + Reliability and safety.

Investing in passive fire protection is essential for ensuring safety and long-term durability.

## *applications*

STRUCTURAL ELEMENTS IN  
STEEL, BRICK, NORMAL AND  
PRESTRESSED REINFORCED  
CONCRETE.  
CIVIL AND INDUSTRIAL BUILDINGS.  
INDOOR/OUTDOOR.

## *benefits*

### FIRE PROTECTION PLASTERS BY EDILTECO:

- Can be applied to a wide range of surfaces.
- Specifically designed to enhance the fire resistance of structural elements.
- Requires a thinner application compared to other types of plasters.
- Features very high mechanical properties and adhesion.
- Does not release fumes in the event of a fire.
- Free from asbestos, chlorides and sulphides.
- Ready to use; simply add water.
- Can be pumped over long distances.



*Installation manual*





## PASSIVE FIRE PROTECTION PLASTERS



FIRE  
REACTION CLASS  
**A1**

### PROTHERM LIGHT®

PRE-MIXED, LIGHTWEIGHT, THERMAL INSULATING,  
FIRE PROTECTION PLASTER

PROTHERM LIGHT® is an innovative solution in the realm of **passive fire protection for structures**.

This unique product combines efficiency, safety, and versatility, making it ideal for a wide range of applications in both civil and industrial environments.

Thanks to its advanced formulation, PROTHERM LIGHT® ensures **optimal fire protection (REI) for structural elements made of steel, concrete, brick, and metal structures**.

PROTHERM LIGHT® is designed to be mixed with water at the time of application, ensuring easy and quick processing. Available in **white and grey**, it adapts perfectly to various aesthetic needs without compromising technical performance.

Its **moisture resistance** makes it suitable for both **internal and external use, allowing application even in adverse weather conditions, a feature that sets it apart from other products on the market**.

Ideal for mechanical application using plastering machines, PROTHERM LIGHT® is the number one choice for protecting existing structures and for new builds requiring high levels of fire protection. Its ability to **increase the fire resistance of structural elements** makes it an indispensable product in modern construction, where safety is paramount.

PROTHERM LIGHT® is not just a plaster but a **comprehensive solution that meets the safety and aesthetic needs of current and future buildings**. With PROTHERM LIGHT®, construction professionals have access to a cutting-edge product that ensures safe, comfortable, and sustainable buildings.



Specific  
plastering machine

*Technical datasheet*



*Certifications*



new  
app!



▶ TRY IT! >

Quickly calculate the required plaster thickness based on your needs and performance requirements.

- 1 Select the type of **profile**.
- 2 Choose the **dimensions**.
- 3 Choose the type of **application**.
- 4 Select the **fire resistance class** and the **critical design temperature**.
- 5 And the app will calculate the **thickness** in just a few simple steps!

*application examples:*



**STEEL COLUMNS**  
Exposure to fire on all 4 sides.



**STEEL BEAMS**  
Exposure to fire on all 3 sides.



**CONCRETE SLAB**  
Exposure to fire on all 3 sides.



## PASSIVE FIRE PROTECTION PLASTERS



Tested for  
explosions and jet fire

### AVIKOTE AV-650 LIGHTWEIGHT CEMENT PLASTER FOR HYDROCARBON FIRES

AVIKOTE AV-650 is a pioneering solution in the field of **fire protection for high-risk industrial environments, such as the petrochemical, chemical, and oil industries.**

Expertly developed by **Arabian Vermiculite Industries (AVI)** based in Dammam, Saudi Arabia, this lightweight cement plaster is designed to provide exceptional **fire resistance under particularly challenging conditions.**

The unique formula of AVIKOTE AV-650, based on Portland cement and free from vermiculite, ensures effective and versatile application, whether by spraying or trowel, requiring only water to be added during mixing. This makes AVIKOTE AV-650 a practical and reliable solution for fire protection in critical sites where safety is a top priority.

Designed to meet the specific needs of **complex industrial environments**, AVIKOTE AV-650 has been stringently tested for outdoor use, ensuring reliable and long-lasting performance even in the harshest environmental conditions.

This feature makes it an **ideal solution for fire protection of structures and equipment located in exposed areas.**

The effectiveness of AVIKOTE AV-650 in providing a protective barrier against fire is supported by a team of specialised professionals ready to assist clients in product selection and application, ensuring that every installation meets the highest safety standards.

In conclusion, AVIKOTE AV-650 is a top-of-the-range choice for **operators in the petrochemical, chemical, oil, and similar sectors seeking a reliable and high-quality fire protection solution.**



Specific  
plastering machine

*Technical datasheet*

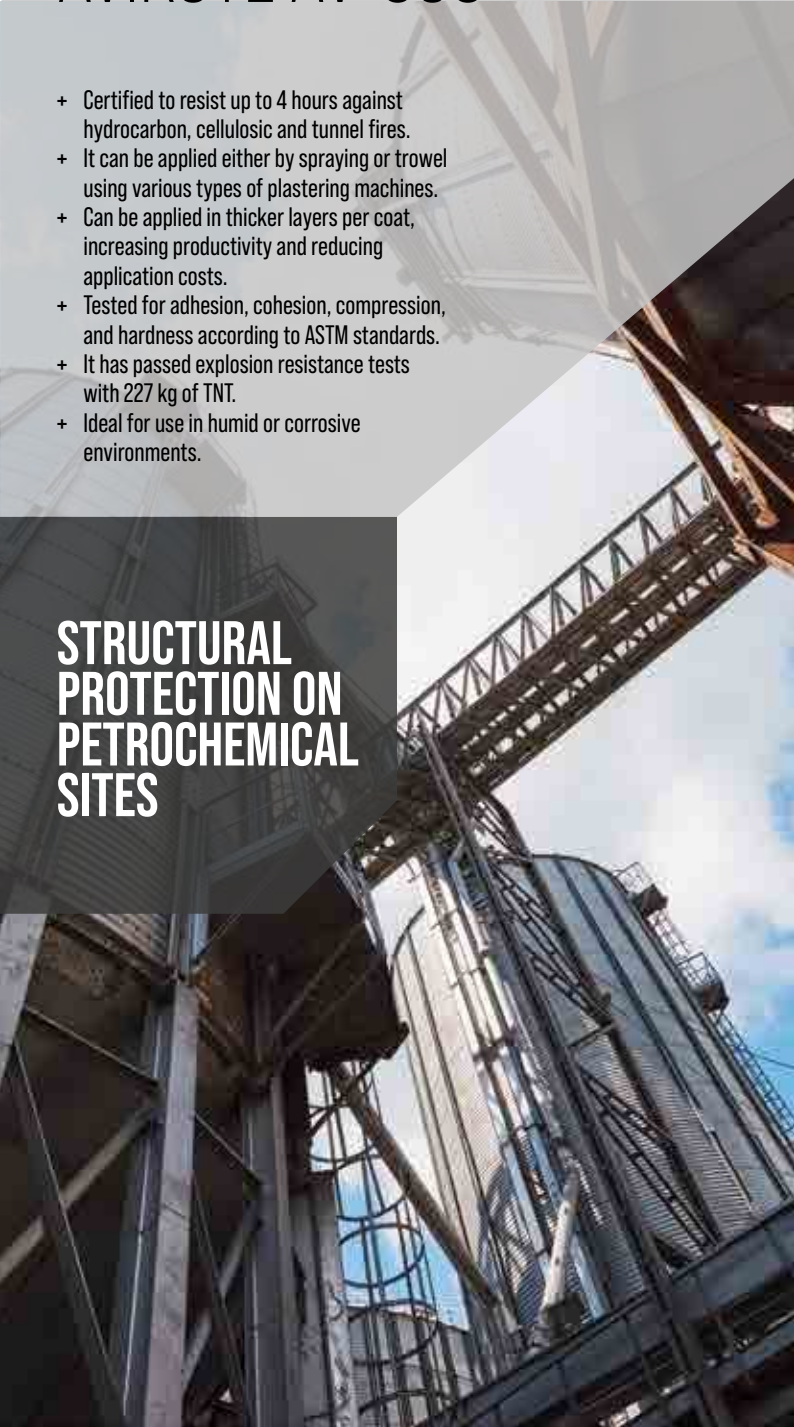


# FEATURES AND PERFORMANCE OF AVIKOTE AV-650

- + Certified to resist up to 4 hours against hydrocarbon, cellulosic and tunnel fires.
- + It can be applied either by spraying or trowel using various types of plastering machines.
- + Can be applied in thicker layers per coat, increasing productivity and reducing application costs.
- + Tested for adhesion, cohesion, compression, and hardness according to ASTM standards.
- + It has passed explosion resistance tests with 227 kg of TNT.
- + Ideal for use in humid or corrosive environments.



**STRUCTURAL PROTECTION IN TUNNELS**



**STRUCTURAL PROTECTION ON PETROCHEMICAL SITES**

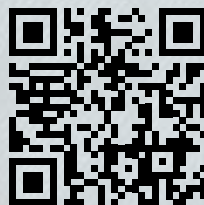



**IF YOU DON'T HAVE  
THE RIGHT TOOLS,  
WE'LL TAKE CARE  
OF IT!**

Thanks to the continuous evolution of this division, Edilteco develops, manufactures, and tests mixing and pumping machinery for the perfect application of its products on site.

This ensures that our customers have access to tools that significantly enhance the ease of application and the efficiency of our products.

**The technological innovation offered by this division has made Edilteco the only company in the world to have developed industrial production plants and application machines for lightweight thermal insulation mortar.**



 *Our Technical Department is on hand to provide you with any additional information you may need: [technical@edilteco.com](mailto:technical@edilteco.com)*





# E&MP

Engineering Division



- MIXERS AND PUMPS  
FOR SUBFLOORS AND SCREEDS
- EQUIPMENT  
FOR CAVITY WALL BLOWING
- EQUIPMENT  
FOR CONCRETE BATCHING PLANTS
- MIXERS AND PUMPS  
FOR ACOUSTIC INSULATION



## MIXERS AND PUMPS FOR SUBFLOORS AND SCREEDS



### POLITERM<sup>®</sup> MACHINE 1000 H2O

MIXER / PUMP FOR LIGHTWEIGHT CONCRETE

POLITERM<sup>®</sup> MACHINE 1000 H2O is at the leading the way in the preparation and transportation of lightweight mortars.

This mixer / pump, made entirely of stainless steel, is **designed to work with a wide range of aggregates**, including virgin and regenerated expanded polystyrene beads, perlite, vermiculite, and cork. Thanks to its ability to mix these materials even with custom-made cellular foam, the POLITERM<sup>®</sup> MACHINE 1000 H2O is the ideal choice for construction projects requiring lightweight yet durable materials. Powered by electricity: 400 V - 50 Hz.



### POLITERM<sup>®</sup> MACHINE 1000 ECO

MIXER / PUMP FOR LIGHTWEIGHT CONCRETE

POLITERM<sup>®</sup> MACHINE 1000 ECO is the frontier of efficiency and innovation for the preparation and pumping of lightweight concretes.

Made entirely of stainless steel, this mixer / pump is **designed to successfully tackle the challenge of mixing and transporting lightweight mortar**.

Its compatibility with a wide range of aggregates, including both virgin and regenerated expanded polystyrene beads, perlite, vermiculite, and cork, along with its ability to incorporate cellular foam, makes it extraordinarily versatile and suitable for any type of construction project. Powered by electricity: 400 V - 50 Hz.

*Technical datasheet*



*Certifications*



*Technical datasheet*



*Certifications*





## MIXERS AND PUMPS FOR SUBFLOORS AND SCREEDS



### ISOLCAP MACHINE H20

MIXER / PUMP FOR LIGHTWEIGHT CONCRETE

ISOLCAP MACHINE H20 is an **advanced stainless steel device for mixing and pumping lightweight mortar**, ideal for materials such as expanded polystyrene beads and self-levelling mortars.

With a 400 V power supply and a 220 L tank, it ensures efficiency and precision thanks to its automatic water dosing system.

Perfect for tasks requiring a flow rate of 30 m and a head of 15 m, it is a reliable and high-quality solution for construction.



### ISOLCAP MACHINE HE H20

MIXER / PUMP FOR LIGHTWEIGHT CONCRETE

ISOLCAP MACHINE HE H20 is **designed to optimise the processing of lightweight mortar**, suitable for materials such as expanded polystyrene beads and self-levelling mortars.

This stainless steel mixer / pump has a 230 V single-phase motor and has a capacity of 220 L.

Its electric motor with hydraulic pumping and automatic water dosing system ensure superior performance for applications up to 20 m in distance and 10 m in height.

Perfect for anyone seeking efficiency and precision on-site.

*Technical datasheet*



*Certifications*



*Technical datasheet*



*Certifications*





## MIXERS AND PUMPS FOR SUBFLOORS AND SCREEDS



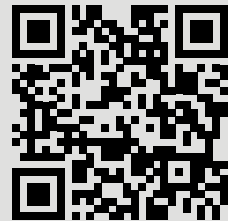
### **POLITERM® MOBILE EQUIPMENT PME** POLITERM® BLU INSTALLATION SYSTEM

POLITERM® MOBILE EQUIPMENT PME is an innovative mobile system for the production and pumping of mortar lightened with Politerm® Blu aggregates. With a capacity of 1000 L, it **offers advanced options such as automatic sand dosing on demand and a dosing and weighing system for up to 5 components.**

Its versatility means it can be installed on a truck or semi-trailer, making it ideal for on-site applications requiring mobility and precision.



[▶ FIND OUT HOW YOU CAN USE OUR PRODUCTS](#)



*Technical datasheet*



*Certifications*





## EQUIPMENT FOR CAVITY WALL BLOWING



### **POLITERM® WALL BLOW** BLOWING GUN

POLITERM® WALL BLOW is a blowing gun **designed to facilitate the blowing of Politerm® Wall R beads into cavities or confined spaces** directly from the bag.

Equipped with extraction and discharge tubes, it guarantees a blowing capacity of 120 - 140 L/minute.

A dedicated compressor is available upon request to further optimise the efficiency of the operation.



### **POLITERM® WALL BLOW FIX** EQUIPMENT FOR BLOWING AND CONSOLIDATING INJECTION

POLITERM® WALL BLOW FIX is the tool **specifically used for blowing and spraying of consolidating materials directly into cavities** or confined environments.

It comes with extraction and discharge tubes, facilitating the connection between the compressor and the tank.

Its main feature includes an additive tank with precise adjustment functionality. For specific needs, a dedicated compressor is available upon request.

*Technical datasheet*



*Certifications*



*Product page*



*Certifications*





## EQUIPMENT FOR CONCRETE BATCHING PLANTS



### POLITERM® WHEEL PUMP

EQUIPMENT WITH HOPPER  
FOR PUMPING LIGHTWEIGHT MORTAR

POLITERM® WHEEL PUMP is equipment for **pumping lightweight mortar with expanded polystyrene beads**, perlite, vermiculite, and cork, up to 100 m in distance and 30 m in height.

400 V power supply, with an option for vehicle power take-off and customisations, including use with or without a hopper.



### POLITERM® BLOW READY MIX

FAN FOR LOADING POLITERM® BLU  
IN READY-MIX TRUCK

POLITERM® BLOW READY MIX is a fan designed to **simplify the loading of Politerm® Blu beads into ready-mix trucks**, facilitating the lifting and discharge of the material.

It operates at 400 V, with an option for 230 V on request. Equipped with a 760 L hopper, it supports custom setups and can also be supplied in a container for maximum flexibility.

*Technical datasheet*



*Certifications*



*Technical datasheet*



*Certifications*





## MIXERS AND PUMPS FOR ACOUSTIC INSULATION

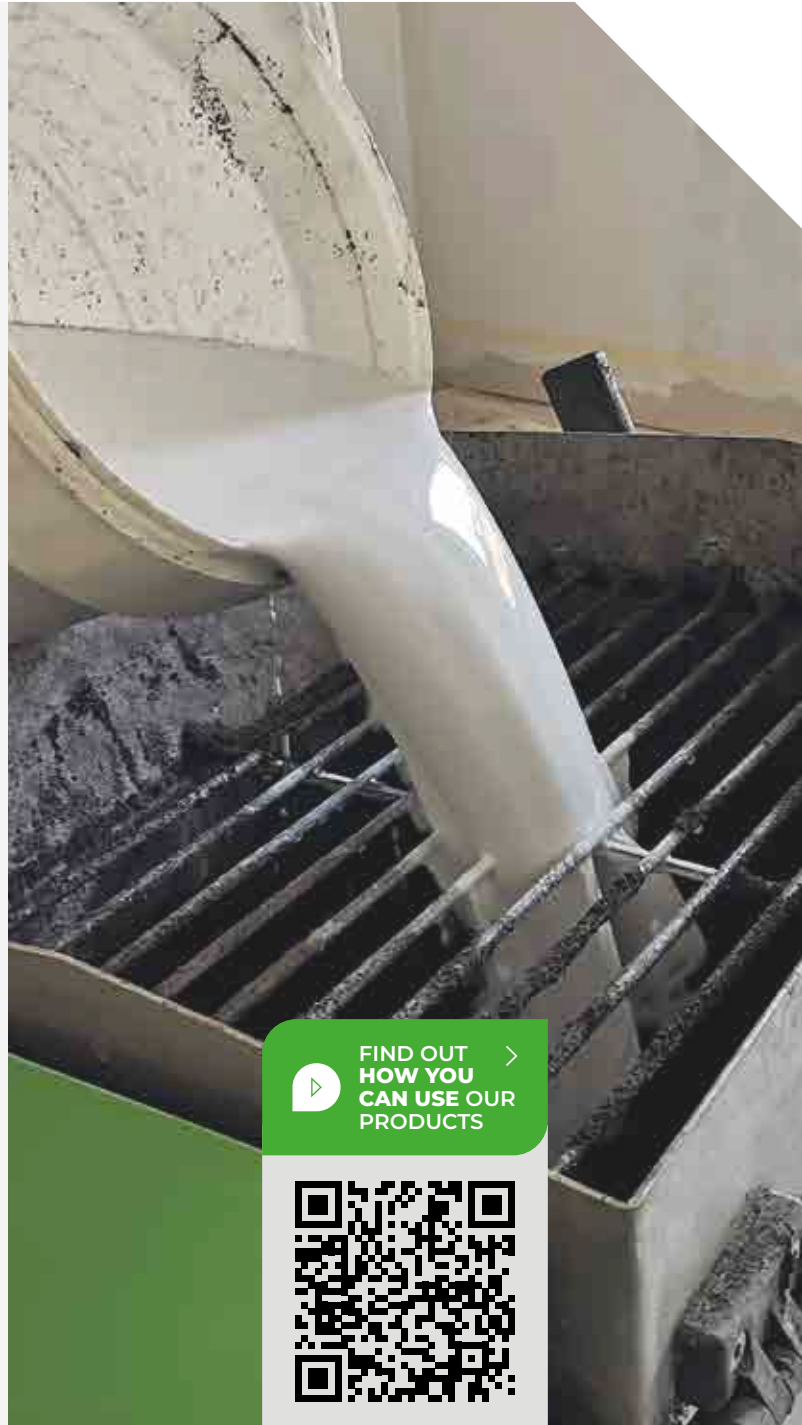


### GUM GUM MACHINE

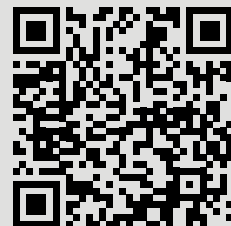
MIXING AND PUMPING SYSTEM FOR APPLYING RUBBER MATERIAL FOR ACOUSTIC INSULATION

GUM GUM MACHINE is the innovative **machine for mixing and pumping rubber materials intended for acoustic insulation** of floors, stairs, and walls. This **compact and modular mixer**, easily removable for convenient transport, is also perfect for applying lightweight plaster and self-levelling mortar.

It operates with a power supply of 400 V or 230 V, offering flexibility and practicality on site. It is also suitable for applying lightweight plaster (such as Isolteco® 150 and Isolteco® 230) and self-levelling mortar.



FIND OUT  **HOW YOU CAN USE OUR PRODUCTS** 



*Technical datasheet*



*Certifications*



# A NEW RANGE THAT WILL KEEP YOU HOOKED!

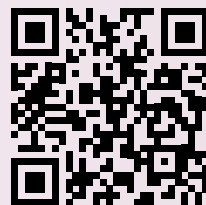
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Masonry damaged by water and salts can cause mould, aesthetic damage, and compromise the hygiene of rooms, affecting living comfort.

Condensation, leaks, rising damp from the ground, and thermal bridges are common issues which are **now easily solved thanks to the new GECO product range**.

With GECO's advanced technology, you can address damp-related problems, restore building facades, and improve their breathability, thus protecting them from future damage.

**GECO is the ultimate and reliable solution against damage caused by dampness!**



*Our Technical Department is on hand to provide you with any additional information you may need: [technical@editeco.com](mailto:technical@editeco.com)*





# GECO

Dehumidification System Division



- THERMO-DEHUMIDIFYING PLASTER
- BREATHABLE ADDITIVE
- ANTI-SALT LIQUID



## DEHUMIDIFYING PLASTER AND DEDICATED PRODUCTS

### DEHUMIDIFICATION SYSTEM **GECO**

Homes, whether historic or modern, must provide a healthy and comfortable environment for everyone. However, moisture and mould formation can seriously damage structures, compromising air quality and residents' well-being. With the **Geco** product range, you can finally say goodbye to these problems!

Geco products have been developed to offer **effective solutions for rehabilitation, dehumidification, and masonry recovery**. Their advanced technology **eliminates damp** and prevents mould formation, ensuring healthier and safer environments. Whether you're dealing with condensation, leaks, or rising damp, **Geco** is the solution you've been looking for.



## *applications*

DEHUMIDIFICATION AND  
REHABILITATION INDOORS  
AND OUTDOORS.  
RESTORATION OF HISTORIC  
BUILDINGS.  
ELIMINATION OF CONDENSATION.  
PROTECTION FROM RAINWATER.  
ELIMINATION OF THERMAL BRIDGES.



BEFORE



AFTER

## *benefits*

### THE REHABILITATION CYCLES WITH GECO PRODUCTS:

- Excellent thermal insulation for improved energy efficiency.
- Solution for rising damp and mould issues on walls.
- Elimination of thermal bridges.
- Prevention and elimination of surface and interstitial condensation.
- Protection against rainwater without limiting aesthetic finish choices.
- **With GECO, you can ensure a healthy and comfortable environment without compromising on aesthetics!**



# DEHUMIDIFYING PLASTER

## example of REHABILITATION CYCLE WITH GECO



01

**STEP 01** > Surface preparation to remove any damaged material from the surface to be rehabilitated, by applying a salt treatment if necessary (using **Geco Antisalt**).



02

**STEP 02** > Apply **Geco thermo-dehumidifying Plaster** or another plaster made with **Geco Additive**.



03

**STEP 03** > Apply a finishing cycle on **Geco Plaster**, including a skimming coat and a subsequent breathable coloured paste finish (**Ecap® Range**).



To get the very best from Geco products, please contact our Technical Department: [technical@edilteco.com](mailto:technical@edilteco.com)



$\lambda =$   
**0.063**  
W/mK

## GECO PLASTER

PRE-MIXED DEHUMIDIFYING PLASTER WITH HIGH THERMAL INSULATION CAPACITY. **230 kg/m<sup>3</sup>**

GECO PLASTER is an innovative solution for the restoration and dehumidification of masonry.

Its **macroporous structure**, with the addition of expanded polystyrene beads, creates an optimal microclimate, facilitating moisture dispersion and preventing condensation. This **reduces issues of rising damp and interstitial condensation**, improving living comfort and energy efficiency.

Ideal for both new and existing facades, GECO PLASTER is an excellent choice for building professionals, offering easy application and high performance. Perfect for rehabilitating and protecting masonry from moisture damage.



Specific plastering machine



Application: manual



Min/max thickness: 3 - 20 cm

Technical datasheet



Certifications





## SPECIFIC PRODUCTS FOR REHABILITATION CYCLES



### GECO ADDITIVE

LIQUID ADDITIVE FOR THE CREATION OF  
MACROPOROUS DEHUMIDIFYING MORTARS

GECO ADDITIVE is a revolutionary component for masonry rehabilitation, ideal for dehumidifying plaster and mortar.

This liquid, non-toxic and non-corrosive additive is **perfect for dehumidifying masonry affected by rising damp** and for eliminating surface condensation, mould, and efflorescence.

**It increases the evaporation rate of moisture** and generates a macroporous structure in mortars, optimising dehumidification.

Compatible with cement-based or lime-based mortar, GECO ADDITIVE offers a flexible and reliable solution for rehabilitating historical and modern buildings, ensuring healthier environments and more durable structures.

*Technical datasheet*



### GECO ANTISALT

MULTICOMPONENT LIQUID, SOLVENT-BASED,  
SALT EFFLORESCENCE INHIBITOR

GECO ANTISALT is a transparent treatment that protects masonry from damage caused by salt migration and crystallisation.

This solvent-based liquid with refined additives gently penetrates the surface layers, creating a **barrier that inhibits salt action without altering the original properties of the substrate**.

It maintains breathability and mechanical resistance, purifying the material and preventing mould formation.

Ideal for both historical and modern buildings, GECO ANTISALT provides long-lasting, invisible protection, essential for the restoration and conservation of structures exposed to moisture.

*Technical datasheet*



# FROM WASTE TO RESOURCES, THE NEW LIFE OF RAW MATERIALS

---

While perfect insulation may not exist, the best insulation for specific situations certainly does and is a great ally for both health and the environment. Our mission is to enhance people's well-being by achieving living comfort.

What is living comfort? It is the combination of heating, sound and visual comfort.

Years of research have led to a more sustainable and eco-friendly solution that ensures the same performance as virgin EPS. Our Green line products help you save on your bills and "clean the planet".

How?

By reducing emissions, improving the energy efficiency of buildings, and limiting the amount of waste in circulation, thus decreasing the production of new materials.

**We are aware of impact we have and are actively working to make it a positive one.**



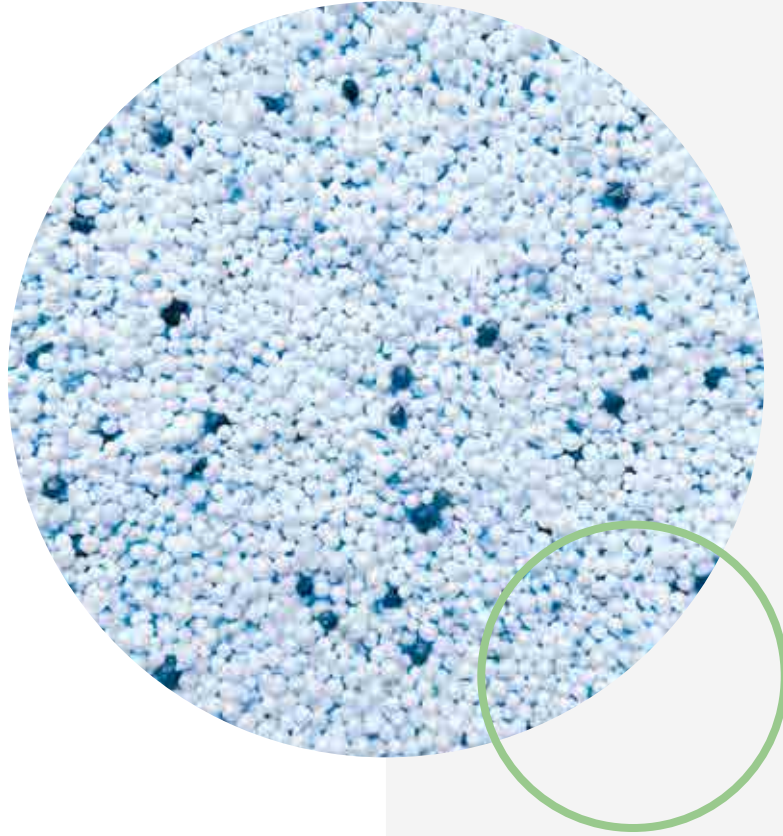
*Our Technical Department is on hand to provide you with any additional information you may need: [technical@editeco.com](mailto:technical@editeco.com)*



EDILT  
**ECO**  
*green*



- REGRANULATED EPS BEADS FOR LIGHTWEIGHT MORTAR AND CAVITY WALL BLOWING
- CARBONCURE TECHNOLOGY



# EPS 2.0 A SUSTAINABLE EVOLUTION

## REGRANULATED EPS BEADS **EDILTECO GREEN**

Selected EPS waste is treated, "crushed," and returned to its original form through a specific process. Thanks to this procedure, the beads are not damaged and remain intact, continuing to guarantee their non-absorbency. **No compromises: the quality remains as high as ever.**

**We understand how important it is to preserve our planet and act sustainably.**

With Politerm® R, we can actively contribute to this goal without compromising the quality and durability of our constructions.





## *applications*

INTERMEDIATE AND  
FILL LAYERS.  
CONSTRUCTION AND  
STRUCTURAL ELEMENTS.  
SINGLE-LAYER SCREEDS.  
ROOFS.  
TERRACES AND BALCONIES.  
ROAD SURFACES.

## EPS 2.0 + INSULATION - POLLUTION

A SYSTEM THAT EVOLVES US AND RESPECTS THE ENVIRONMENT



### **MORE REUSE**

EPS waste is recovered;  
nothing will go to waste  
anymore!



### **LESS CONSUMPTION**

Packaging designed  
to increase capacity  
and optimise the use  
of space on trucks to  
**reduce pollution**  
created by  
transportation.



### **SAFEGUARDING THE PLANET**

A concrete commitment  
to the research and  
design of sustainable  
products.  
**Goal:**  
energy savings.



## REGRANULATED EPS BEADS



Specific for  
cavity wall blowing

### POLITERM® R

SUPERLIGHT THERMAL INSULATING REGRANULATED AGGREGATE WITH ADDITIVES

POLITERM® R is the ideal solution for single-layer screeds, sloping terraces, attic insulation, and pitched roofs.

It is also perfect as a subfloor for low-profile underfloor heating systems. **This product requires very little water, dries quickly (1 day per cm), with zero hygrometric shrinkage.**

POLITERM® R is a reliable and durable solution, used in numerous projects worldwide.

It consists of EPS beads that are regranulated through a complex process that separates the beads from specific industrial waste, without breaking them. This ensures that the beads retain their non-absorbency.

Also available in "POLITERM® R READY MIX" version, specifically for concrete batching plants.



Mixing and pumping  
also with  
concrete mixer truck

*Technical datasheet*



### POLITERM® WALL R

SUPERLIGHT THERMAL INSULATING REGRANULATED AGGREGATE WITH ADDITIVES

POLITERM® WALL R consists of EPS beads, regranulated through a complex process that separates the beads from specific industrial waste without breaking them. This guarantees their non-absorbency and quality.

This guarantees their non-absorbency and quality.

POLITERM® WALL R is specifically **designed for blowing in cavities** (hollow or cavity walls), offering an effective solution for thermal and acoustic wall insulation.

The loose beads allow for **even and optimal distribution within the cavities**, boosting the building's energy efficiency and contributing to greater living comfort.

Also available in the "WALL FIX R" version (thanks to nebulization with Fix additive).



**FIX**

Synthetic latex consolidating agent in aqueous base.



*Technical datasheet*

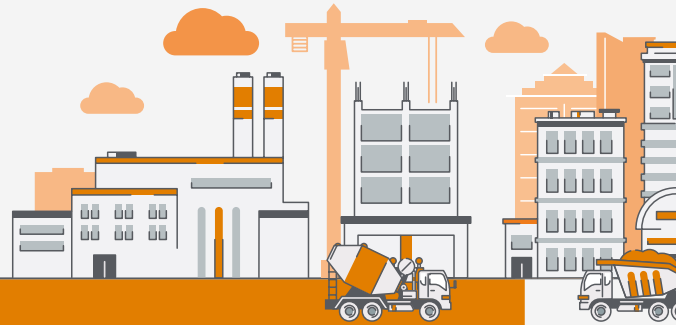




## CARBONCURE TECHNOLOGY



# CARBON CURE™



EDILTECO is the exclusive distributor of CarbonCure Technology for Italy, France, Belgium, the Netherlands, Luxembourg, and Malta.

## Recycling CO<sub>2</sub> to create simply better concrete.

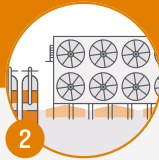
*Concrete with the same reliability, but a smaller carbon footprint.*

With the refinement of the EPS recovery process, we can finally offer the market an effective and sustainable solution for thermally insulating buildings. Our products, however, still combine well with concrete.

Concrete is the most widely used construction material in the world: its production alone accounts for 7% of global CO<sub>2</sub> emissions! CarbonCure, a Canadian company, has developed a technology that allows CO<sub>2</sub> waste (such as that produced by the gas industry) to be reused by injecting the recovered CO<sub>2</sub> directly into the concrete during the mixing process. The use of this technology saves an average of 15-21 kg of CO<sub>2</sub> per cubic meter of concrete used.



1 CarbonCure Technology is installed in a concrete batching plant.



2 Gaseous carbon dioxide (CO<sub>2</sub>) mainly comes from industrial processes.



3 Purified gaseous CO<sub>2</sub> is injected and stored in tanks in a liquid state.



4 The CarbonCure injection system injects CO<sub>2</sub> precisely into the concrete mix.



5 The CO<sub>2</sub> dosage is controlled through a simple interface integrated with the batching plant's management system.



6 Once injected, the CO<sub>2</sub> reacts with the cement to form a mineral that is permanently embedded in the concrete.



watch the video

# CHOOSE SMARTBLOCK & TAKE IT EASY.



**SMARTBLOCK®** lightweight masonry blocks are the result of a collaboration between Edilteco and Easy and Smartblock® and are made from 100% Politerm® Blu, ensuring high thermal insulation and reliable performance.

The **SMARTBLOCK®** range includes blocks for infill with densities ranging from 300 to 1200 kg/m<sup>3</sup>.

The **SMARTBLOCK®** construction system is primarily designed for opaque facade walls or internal partition walls.

Their light weight and design make installation exceptionally fast, simple, and cost-effective compared to traditional masonry systems.



**EASY AND SMARTBLOCK®**  
lightweight for living comfort

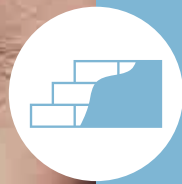


*Our Technical Department is on hand to provide you with any additional information you may need: [technical@edilteco.com](mailto:technical@edilteco.com)*



# ESB

Lightweight Blocks Division



- ULTRA-LIGHTWEIGHT BLOCKS FOR MASONRY
- THERMAL MORTAR FOR MASONRY



FORM AND  
SUBSTANCE  
STEM FROM  
EPS + CEMENT

## ULTRA-LIGHTWEIGHT BLOCKS FOR MASONRY **SMARTBLOCK®**

Smartblock® is a construction system designed and produced primarily for opaque facade walls and internal partition walls.

It is the most comprehensive range of lightweight blocks available on the market, offering various thicknesses and densities to meet both thermal and acoustic requirements, and suitable for earthquake-resistant structures.

Key factors include the choice of block type, the type of mortar used during installation, the type of plaster or skimming coat, and the correct installation of the blocks.



## applications

SINGLE-LAYER EXTERNAL INFILL WALLS.  
 WALLS, PARTITIONS, INTERNAL DIVIDERS, AND LININGS.  
 INTERNAL/EXTERNAL MASONRY.  
 LOAD-BEARING MASONRY IN SEISMIC/NON-SEISMIC AREAS.

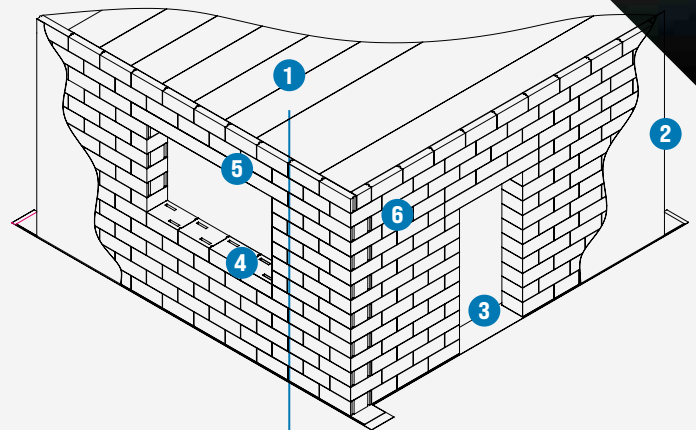
Available densities:



## benefits

### SMARTBLOCK® ULTRA-LIGHTWEIGHT MASONRY BLOCKS:

- Sold in various thicknesses and densities.
- They meet both thermal and acoustic needs due to the range of available densities.
- Safe and suitable for seismic-resistant structures.
- Featuring vertical male/female interlocking for a significant reduction in thermal and acoustic bridges.
- Vapour-permeable and breathable, yet water-resistant.
- Lightweight, leading to reduced wall weights, lower loads on structural walls, smaller beam and column sizes, and reduced seismic mass.
- Reduction in wall thickness, thus increasing usable floor space.
- Can be cut, thus minimising waste and off-cuts.
- Designed with grip holes for easier and quicker handling during installation.



1. EASYSLAB®  
 2. Internal/external PLASTER  
 3. Barrier MEMBRANE

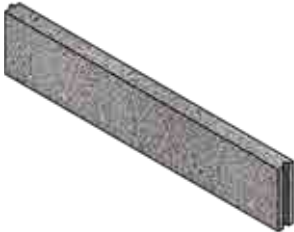
4. SMARTBLOCK®  
 5. LINTELS  
 6. MALTA BLOCK 600

Installation manual





## ULTRA-LIGHTWEIGHT BLOCKS FOR MASONRY



### SMARTBLOCK® B.06.300

ULTRA-LIGHT BLOCK FOR MASONRY

Ultra-light block with a density of  $300 \text{ kg/m}^3$ , ideal for masonry, external insulation systems, double walls, and thermal bridge protection on columns and beams.

Made with a cementitious mix and high-density expanded polystyrene, it offers excellent insulating properties. Its light weight significantly reduces wall weights and loads on supporting structures.

Dimensions: L. 1000 x W. 60 x H. 200 mm.



### SMARTBLOCK® B.10.300

ULTRA-LIGHT BLOCK FOR MASONRY

Ultra-light block with a density of  $300 \text{ kg/m}^3$ , perfect for external insulation systems, double walls, partitions, and internal dividing walls.

Made with cementitious mix and expanded polystyrene, it guarantees superior thermal insulation compared to most commercial products. Equipped with male/female vertical interlocks that facilitate installation and significantly reduce thermal and acoustic bridges.

Dimensions: L. 500 x W. 100 x H. 200 mm.

*Technical datasheet*



*Certifications*



UNI EN 771-3:2011

*Technical datasheet*



*Certifications*



UNI EN 771-3:2011





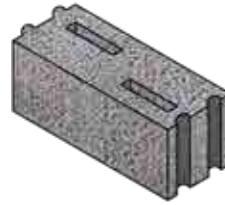
## ULTRA-LIGHTWEIGHT BLOCKS FOR MASONRY



### SMARTBLOCK® B.15.300 ULTRA-LIGHT BLOCK FOR MASONRY

Ultra-light block with a density of  $300 \text{ kg/m}^3$ , ideal for external insulation systems, double walls, thermal bridge protection, and hollow external masonry.

Consisting of cement and expanded polystyrene, it offers excellent insulation. The blocks are vapour permeable and breathable but water-resistant, ensuring a dry, safe masonry.  
Dimensions: **L. 500 x W. 150 x H. 200 mm.**



### SMARTBLOCK® B.20.300 ULTRA-LIGHT BLOCK FOR MASONRY

Ultra-light block with a density of  $300 \text{ kg/m}^3$ , specifically designed for external infill walls and internal partition walls.

Made with state-of-the-art insulating materials, it is perfect for optimal energy efficiency.  
It is easy to cut and thus helps to reduce waste and offcuts on site.  
Dimensions: **L. 500 x W. 200 x H. 200 mm.**

*Technical datasheet*



*Certifications*



UNI EN 771-3:2011

*Technical datasheet*



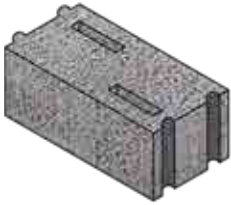
*Certifications*



UNI EN 771-3:2011



## ULTRA-LIGHTWEIGHT BLOCKS FOR MASONRY

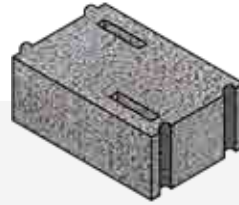


### SMARTBLOCK® B.25.300

ULTRA-LIGHT BLOCK FOR MASONRY

Ultra-light block with a density of  $300 \text{ kg/m}^3$ , perfect for external infill walls and internal partition walls.

With a structure of cement and expanded polystyrene, it provides exceptional thermal insulation. These blocks meet both thermal and acoustic needs, thanks to the different densities available.  
Dimensions: **L. 500 x W. 250 x H. 200 mm.**



### SMARTBLOCK® B.33.300

ULTRA-LIGHT BLOCK FOR MASONRY

Ultra-light block with a density of  $300 \text{ kg/m}^3$ , ideal for external infill walls and internal partition walls.

With its insulating materials, it is perfect for improving the energy efficiency of buildings. The specially designed grip holes make these blocks easier and faster to handle during installation.  
Dimensions: **L. 500 x W. 330 x H. 200 mm.**

*Technical datasheet*



*Certifications*



UNI EN 771-3:2011

*Technical datasheet*



*Certifications*



UNI EN 771-3:2011



## ULTRA-LIGHTWEIGHT BLOCKS FOR MASONRY



### SMARTBLOCK® B.40.300

ULTRA-LIGHT BLOCK FOR MASONRY

Ultra-light block with a density of  $300 \text{ kg/m}^3$ , excellent for external infill walls and internal partition walls.

Made of cement and expanded polystyrene, it ensures high insulating performance. The lightweight block reduces wall loads and seismic mass, thus improving structural safety.

Dimensions: L. 500 x W. 400 x H. 200 mm.



### SMARTBLOCK® B.50.300

ULTRA-LIGHT BLOCK FOR MASONRY

Ultra-light block with a density of  $300 \text{ kg/m}^3$ , ideal for external infill walls and internal partition walls.

With a mixture of advanced insulating materials, it offers energy efficiency and durability. The reduction in wall thickness increases the usable floor space, optimising interior space.

Dimensions: L. 500 x W. 500 x H. 200 mm.

*Technical datasheet*



*Certifications*



UNI EN 771-3:2011

*Technical datasheet*



*Certifications*



UNI EN 771-3:2011



## THERMAL MORTAR FOR MASONRY



### MALTA BLOCK 600

THERMAL MORTAR FOR THERMAL INSULATION  
MASONRY. 600 kg/m<sup>3</sup>

MALTA BLOCK 600 is an innovative thermal mortar designed to provide exceptional thermal insulation.

Ideal for all types of masonry, both internal and external, MALTA BLOCK 600 is **perfect for use with thermal blocks and lightweight cement blocks**. This mortar not only effectively bonds the blocks together but also maintains excellent insulating capacity, ensuring a comfortable internal environment and reducing thermal dispersion.

Using MALTA BLOCK 600 prevents thermal bridges, ensuring continuous and uniform insulation for all your constructions.



Application:  
manual

*Technical datasheet*



*Certifications*





# NEED PRICE INFO?

IF YOU WOULD LIKE TO KNOW THE PRICES OF OUR PRODUCTS OR  
RECEIVE A QUOTE FOR YOUR PROJECT OR SUPPLY,  
OUR SALES TEAM IS AT YOUR DISPOSAL.

CALL US AT **+39 0535 82161** OR, IF YOU PREFER,  
EMAIL US AT **EXPORT@EDILTECO.IT**

# ACCESSORIES AND MORE...

ACCESSORIES FOR THERMAL INSULATION SYSTEMS,  
ADDITIVES FOR SCREEDS, SYNTHETIC LATEX FOR CEMENT MORTARS,  
AND COMPLEMENTARY MATERIALS FOR ACOUSTIC INSULATION.  
WE HAVE EVERYTHING YOU NEED!

AND IF YOU HAVE ANY DOUBTS OR QUESTIONS,  
DON'T HESITATE TO CONTACT OUR TECHNICAL DEPARTMENT:  
[TECHNICAL@EDILTECO.COM](mailto:TECHNICAL@EDILTECO.COM)





### SPS ADDITIVE

Super plasticizer additive for self-levelling screeds. Formaldehyde-free.



### CROSS-LINKED PE FILM

Specific film for underfloor heating.



### FIX

Synthetic latex consolidating agent in aqueous base.



### EDILSTIK

Synthetic latex for improving the properties of cementitious mortars.



### EDILSTIK F.C.A.

Pigmented synthetic latex for the temporary inertization of asbestos cement products.



### EDILKRONOS UNIVERSAL

Adhesion promoter for non-absorbent substrates based on synthetic resins.



### PIANO ZERO GUIDE

Guide/joint for lightweight and cementitious subfloors and screeds.



### DRYHOLZ

Additive for screeds with controlled rapid drying.



### EPS MOLDS

EPS moulds with lid, for samples, in moulded EPS.



### ECAP® ANCHOR PN 8

Percussion fastening for external thermal insulation composite systems.



### ECAP® ANCHOR CN 8

Percussion fastening for external thermal insulation composite systems.



### ECAP® ANCHOR CS II 8

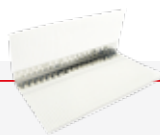
Screw fastening for external thermal insulation composite systems.





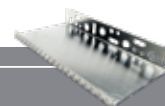
### ECAP® ANCHOR 6H-NT

Self-tapping fastening for external thermal insulation composite systems.



### CORNER PROFILES

Corner profiles for insulation panels of different materials.



### STARTER PROFILES

Aluminium starter profiles for insulation panels.



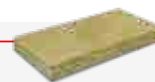
### FIBREGLASS MESH

**160 g/m<sup>2</sup>**  
Synthetic support mesh in glass fibre, coated, alkali-resistant.



### HIGH GRID MESH

**360 g/m<sup>2</sup>**  
High-strength coated fibreglass mesh.



### DBRED WOOL S/M/L

Uncoated mineral wool panel for sound absorption in cavities.



### DBRED F3 STRIPS

Resilient under-wall strips made of SBR rubber.



### DBRED F3 ADHESIVE STRIPS

Pre-adhesive, resilient, under-wall strips made of SBR rubber.



### DBRED LF5 STRIPS

Adhesive "L" perimeter strips with crease for easy bending.



### DBRED R-STICK GREEN

Tape with thermosetting rubber adhesive for all dBred underlay mats.



### DBRED FONOTECH ECO P

Soundproofing underlay mat for acoustic insulation of partitions and technological systems.



### POLITAINER

Integrated logistics system for the delivery and storage of Politerm® Blu product line.

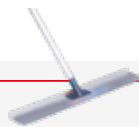






### METAL PIPE

Hosepipe for pumping lightweight mortar with Politerm® Machine.



### LEVELLERS

Stand-up levellers, made of aluminium, for applying lightweight mortar on the installation surface.



### HIGH-SEAL RUBBER HOSE

Hosepipe for pumping lightweight mortar with Politerm® Machine.



### LIGHTWEIGHT PLASTIC HOSE

Hosepipe for pumping lightweight mortar with Politerm® Machine (final section).



### BENDS FOR METAL TUBES

45° and 90° bends available for Politerm® Machine.



### PUMP

Spare part for Politerm® Machine.



### CARDAN JOINT

Spare part for Politerm® Machine.



### STATOR / LUNG

Spare part for Politerm® Machine.



### ROTOR / SCREW

Spare part for Politerm® Machine.





**[NOTES]**

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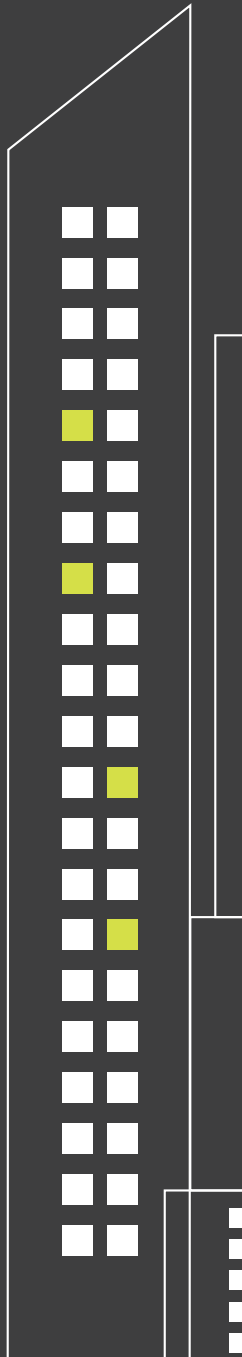
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