

GUM GUM Spray

Impact noise insulation layer composed of premixed rubber granules, **to be sprayed on site**



gumgum
spray

APPLICATION MANUAL . GUM GUM SPRAY

**gumgum**
spray

The *great innovation*
for **acoustic insulation!**



A GREAT INNOVATION,
GUM GUM SPRAY
CAN BE SPRAYED
DIRECTLY ON SITE!



> how and why you should use it:



**IT IS AN IMPACT NOISE INSULATION
LAYER TO BE SPRAYED
DIRECTLY ON SITE**



**IT SOUNDPROOFS
YOUR HOUSE**



**IT INSULATES
FROM IMPACT NOISES**



**IT INSULATES
FROM AIRBORNE NOISES**



**IDEAL FOR
DRAINS AND PIPES**

but more technically ... >>

GUM GUM Spray	page 05
· Preamble	
· The system	
· Advantages of using GUM GUM Spray	
· The production	
· Where to apply GUM GUM Spray	
Application	page 06 / 07
· Cleaning the surface	
· Application	
· Setting of the plastering machine in continuum	
· Essential accessories for the setting	
· Setting of the plastering machine with premixing tank	

APPLICATION MANUAL . GUM GUM Spray

The realization of a manual is a complex operation that needs of several controls on the text, on the images and on the sketches that compose it. Experience suggests that it is impossible to publish a manual totally exempt from errors. We will be therefore thankful to the users of the present Manual that, if finding some mistakes, they wanted to signal them to us. All the instructions contained in this manual are approximated and not binding in a general sense. It should also be specified that our instructions are not irrespective of all due precautions and good practice during installation referable to so-called "workmanlike" execution, which must always and under any circumstances be adopted in addition to following the detailed instructions given in our technical data sheets. All the indications provided in this manual are purely approximate and not binding for legal purposes. The data listed has been gathered from laboratory tests and it hence follows that in practical applications on building sites the final characteristics of the products may be subject to substantial variations depending on the meteorological conditions and the installation. The user must always check suitability of the product for its specific use, undertaking all liability implicit in and deriving from use of the product, as well as comply with all the methods and instructions for use generally referable to "workmanlike" execution. Edilteco S.p.A. reserves the right to change the contents of this manual on its final judgement. The spreading of this manual, through any media, supersedes and cancels the validity of any other manual sheet previously published. It is absolutely forbidden to publish and diffuse, totally or partially, this manual without previous authorization expressed by Edilteco S.p.A.

GUM GUM Spray

PREAMBLE

GUM GUM Spray is an impact noise insulation layer to be realized directly on site, composed of premixed SBR rubber granules with controlled grain size and selected pre-dosed additives. It is packaged into bags, to be mixed with additive Part B (liquid), for mechanical and manual application.



THE SYSTEM

Among the various systems used for acoustic insulation of buildings; GUM GUM Spray undoubtedly takes the first place in terms of quality, performance and versatility. GUM GUM Spray has a competitive price and is easy to apply both mechanically and manually.

ADVANTAGES OF USING GUM GUM SPRAY

GUM GUM Spray is very quick and fast to apply. It can be mechanically sprayed standing up. It can be applied on the vertical wall partition too. Nevertheless, for the realization of the floating screed system it is suggested to previously set the perimeter stripe to limit the edges and to avoid mistakes that could affect the final acoustic insulation. GUM GUM Spray will result as a total barrier, so that it is possible to avoid joints tapings that can arise during the application of the panels or rolls of any kind of resilient material.

THE PRODUCTION

GUM GUM Spray is manufactured in modern electronically-controlled premixing plants and is subjected to continuous quality tests that guarantee retention of its high performance and full customer satisfaction.

GUM GUM Spray is manufactured in accordance to the ISO 9001 quality system.

GUM GUM Spray is composed of premixed SBR rubber granules to be mixed with a liquid additive (part B) and water and it is supplied in:

- Plastic bags of 24 kg containing rubber.
- Packages of 3 L containing the liquid additive (part B).

WHERE TO APPLY GUM GUM SPRAY

The product can be used as:

1. Resilient layer for impact noise reduction into floating screed systems, particularly suitable for the realization of floating screed with a low thickness, also in case of installation WITHOUT a separating layer suitable for the direct application of sand-cement heavy screeds.
2. Resilient layer for impact noise reduction into floating screed systems, particularly suitable for the realization of floating screed with a low thickness, also in case of installation WITH a separating waterproof layer (cellophane or similar) suitable for the application of heavy self-levelling screeds.
3. Resilient layer for impact noise reduction into floating screed systems, suitable for the direct application of panel systems for under floor heating and/or any kind of.
4. Insulating layer to be applied in cavity walls of double vertical brick partitions and in cavity walls of sheet plantings on cement brick walls.
5. Reduction of impact noise on stairs.
6. Realization of under wall separating layers or covering for acoustic bridges, such as pillars and concrete beams.
7. Insulating treatment of inner courts for the passage of connections, single pvc pipes or similar.

5



Edilteco S.p.A. Via dell'Industria, 710 . 41038 San Felice sul Panaro (MO) Italy
Ph. +39 0535 82161 . Fax +39 0535 82970 . www.edilteco.com | info@edilteco.com



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QUALITY SYSTEM
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■ ISO 9001 ■

Application

1) CLEANING THE SURFACE

It is essential to perfectly clean the surface on which GUM GUM Spray has to be applied. In particular, the surface must be free of dust, oil, grease and stripper residues, traces of friable and/or flimsy materials, not perfectly sound old plaster and paints and whatever else may hinder good and direct adhesion of GUM GUM Spray to the surface. The user is fully responsible for establishing and assuring that the surface conditions are suitable for application of a coat of GUM GUM Spray.

2) APPLICATION

Application with mechanical plastering machine equipped with premixing tank correctly set up:

- 1) Pour the bag of rubber in the hopper, hydrate with 12 L of clean water while adding the liquid content of the can.
- 2) Mix for at least 2 minutes to obtain a suitable mixture. Then drain the mixture into the underlying hopper.
- 3) Wet the material carrier pipes then start the application (this operation has to be done only for the first mixture).
- 4) It is possible to use a material-holder pipe up to 25 m.
- 5) Gun nozzle Ø 14 mm.

Application with plastering machine "in continuum" correctly set up:

- 1) Fill the graduated tank with clean water, while adding the liquid content of the can (part B). Ratio water/additive 4:1, that is 12 L of water and 3 L of additive. The product obtained must be mixed with an adequate stirrer or mixing drill. It is compulsory to enter a filter (*see photos 5 - 6 - 7 - 8*) into the connecting pipe between the tank and the water pump of the plastering machine. It has the purpose of retaining any impurities which may damage the pump and / or the filters of the plastering machine.
- 2) Pour the rubber into the hopper.
- 3) Moisten the material-holder pipe and start with the application phase (operation to be done only before the first mixture). The mixture must come from the graduated pipe.
- 4) Use a material-holder pipe smaller than 20 m.
- 5) Gun nozzle Ø 14 mm.

Manual application: with a cement mixer, horizontal mixer or drill with whisk. Pour the rubber into the appropriate container, hydrate with 12 L of clean water while adding the liquid additive (part B). Mix for at least 2 minutes to obtain an adequate mixture. Start the application phase using a smoothing metal trowel.

Time of application with manual application: about 30 minutes at +20 °C and 70% u.r.

N.B. The mixed product can remain in the container up to 60 minutes at 20 °C and 70% u.r.

It is possible to add ½ L of clean water per bag while mixing again the product for 1 minutes, so as to obtain the adequate mixture.

2a) SETTING UP OF THE MECHANICAL PLASTERING MACHINE 'IN CONTINUUM' PFT G4-G5 OR TYPE OR SIMILARS

The plastering machine must be set up with some accessories that are commonly provided from the supplier for the use of heavy and/or insulating plasters. **In particular, the following accessories are essential:**

- a) Helical mixer for heavy plasters (*with open propeller - see picture 1*);
- b) Stator for insulating of 30 L minimum (*model D8/1,5 - see picture 2*);
- c) Cap or nozzle Ø 14 mm;
- d) Graduated tank (*see picture 3*) for the pre-dilution of the liquid additive (**part B: 3 L**) and the water (**12 L**) for each bag of GUM GUM Spray, that has to be connected to the plastering machine. Pour the water and the additive and mix with a mechanical stirrer (mixing drill). After the emptying of the tank, repeat the filling cycle as described above.
- e) Water filter (*see photo 5 - 6 - 7 - 8*).
- f) Application of the ball valve on the nozzle. The valve must be closed after the closing of the air supply (*see picture 4*).
- g) Regulate the flowmeter for the mixing water between 180 and 200 L/h, to obtain an optimal product consistency. During the initial spraying, the flowmeter must be calibrated on 315 L/h and then reduced to the above mentioned values. **The small quantity of water necessary to mix GUM GUM Spray needs the use of a calibrated flowmeter between 0 and 315 L/min.**
- h) The water pipe in the mixing chamber must be inserted into the lower pipe connection.

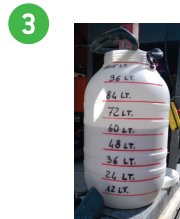
ESSENTIAL ACCESSORIES FOR THE SETTING UP:



Helical mixer with propeller



Stator

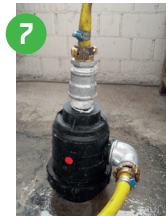


Graduated tank



Ball valve

Water filter:



2b) SETTING UP OF THE MECHANICAL PLASTERING MACHINE WITH PREMIXING TANK CONTINENTAL TYPE OR SIMILARS:

- Pour the content of the bag into the mixing hopper.
- Pour **12 L** of clean water into the loading hopper.
- Pour the liquid additive (**part B: 3 L**).
- Once obtained the mixture, pour the product into the underlying tank, wet the pipes and start the pumping process.

To avoid the formation of “caps” of material into the pipes, it is necessary to guarantee the full effectiveness of the plastering machine after:

- The cleaning of the mixing tank.
- The cleaning of the mixing hopper.
- The cleaning of the material-holder pipes and the mixing tank after every break longer than 15 minutes.



MECHANICAL PLASTERING MACHINE IN CONTINUUM WITH GRADUATED DRUM



MECHANICAL PLASTERING MACHINE "GUM GUM MACHINE" OR SIMILARS

New!



Edilteco S.p.A. Via dell'Industria, 710 . 41038 San Felice sul Panaro (MO) Italy
Ph. +39 0535 82161 . Fax +39 0535 82970 . www.edilteco.com | info@edilteco.com



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