

ECAP[®] FS

Fibrous Fixative



READY TO USE UNIVERSAL FIBROUS FIXATIVE

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Ready to use universal fibrous fixative

<p>PRODUCT</p>	<p>Ecap[®] FS is a universal pigmentable primer, based on potassium silicates and siliceous aggregates. It is ideal as fixative before every decoration cycle with micro-coatings or silicate-based paste coatings. The composition of Ecap[®] FS gives the primer excellent adhesion properties, since it reacts chemically with the mineral support through a natural process called silicatization. Specific for exteriors and suitable for interiors, its formulation has been specifically studied to obtain a high masking power both for support imperfections and in cases of over-coating on medium / strong colours. The high levelling power ensures a homogeneous absorption of the following decorative layer, enhancing the yield and the surface effect of the micro-coating, and optimizing the breathability characteristics typical of decorative mineral cycles.</p>
<p>PACKAGING AND STORAGE</p>	<ul style="list-style-type: none"> · Bucket of 20 kg · Store in a dry place into closed packaging and use within 12 months.
<p>CONSUMPTION / YIELD</p>	<p>0,200 - 0,250 kg/m²</p>
<p>FIELDS OF APPLICATION</p>	<p>Ecap[®] FS is suitable for decorating supports in indoor and outdoor environments, new or existing, on residential, industrial or commercial buildings. It is recommended to use the product on cured supports, i.e. after a maturation period of at least four weeks. It is applicable on supports such as:</p> <ul style="list-style-type: none"> · Thermal insulation systems. · Thermal plasters. · Lime or lime-cement based plasters. · Reinforced smoothing in façades restoration cycles. · Concrete. · Prefab concrete panels. <p>For application on different supports, contact <i>Edilteco Technical Department</i>.</p>
<p>ADVANTAGES</p>	<ul style="list-style-type: none"> · Colour: it can be applied white or coloured, pigmented with the same tint as the following finish, in order to combine the effect of a latching bridge and to attenuate any strong colour in over-coating operations on existing surfaces. · Low VOC content: very low releases, in compliance with European standards. · Excellent levelling power: ideal even on new surfaces as it limits the absorption of following layers of paint, maximizing the yield and improving the aesthetic finish. · Ideal for transpiring cycles: the natural properties of potassium silicate allow obtaining mineral decorative cycles with high characteristics of vapour permeability.
<p>APPLICATION</p>	<p>Preparation of the support: mechanically remove any loose or detaching part. In case of removal of small areas, proceed with the reconstruction using suitable products to restore the right flatness. Clean the surfaces to remove any trace of dust or detergent, oily substances, mineral greases, etc.</p> <p>Preparation of the product: Ecap[®] FS is ready to use but can be diluted with water up to a maximum of 10%. It is recommended to mix the primer for 2 - 3 minutes with a low speed mixing drill, until obtaining a homogeneous paste.</p>



Thermal Insulation & Chemicals Division



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APPLICATION	<p>Application: Ecap® FS must be applied manually (with a brush or roller) in one layer, taking care to cover 100% of the surfaces being decorated. Adverse weather conditions (areas subjected to strong air currents, high temperatures, etc.) can alter the primer curing process. It is therefore necessary to constantly check that it does not dry quickly, altering the primer characteristics. Ecap® FS, in ideal conditions, reaches a degree of ripeness suitable for following processing after 1 - 2 hours (at +20 °C and 70% R.H.). Do not apply Ecap® FS on supports with film of water on the surface, wet or in extreme conditions (walls exposed to direct sunlight or frost). Ensure that the ambient and support temperature during the application is between +5 °C and +35 °C.</p>	
TECHNICAL CHARACTERISTICS	Aspect:	white liquid
	Dilution:	ready to use / max. 10% water
	Drying time:	approx. 1 - 2 hours at +20 °C to the touch approx. 24 hours at +20 °C to complete drying
	Application temperature:	from +5 °C to +35 °C at 70% R.H.
	Binder:	potassium silicate
	Specific weight:	1,20 kg/L
	VOC (Directive 2004/42/CE) for the coating of external walls (Cat A/c):	< 30 g/L of VOC
WARNINGS	<ul style="list-style-type: none"> · Do not apply on frozen or thawing supports. · Store the primer buckets in a dry place away from direct sunlight and at temperatures not lower than +5 °C, in order not to compromise the quality of the material. · In case of crumbling surfaces with gaps or old paint, proceed with a thorough cleaning of the support. · In case of critical supports, it is necessary to check them in advance. · The actual temperature and the humidity of the air can accelerate or slow down the drying process. · It is not possible to guarantee a drying without colour differences (spots) caused by: <ul style="list-style-type: none"> » the conditions of the substrate (such as structure, absorbency, etc.); » the use of natural raw materials. · Wash the tools with water after using the product. · For information regarding the correct disposal, storage and handling of the product, consult the <i>safety data sheet</i>. 	
SPECIFICATION FORM	White or pigmented mineral primer based on potassium silicate for interiors and exteriors, with a high covering power and excellent levelling properties as a coupling bridge for the following decorative layer based on potassium silicate.	
<p>All the indications provided in this technical data sheet are purely approximate and not binding for legal purpose. 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 methods and instructions for use generally referable to "workmanlike" execution. Edilteco S.p.A. reserves the right to change the contents of this mechanical data sheet on its final judgements. The spreading of this data sheet through any media, supersedes and cancels the validity of any other technical data sheet previously published.</p>		



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