

GOBBETTO DEGA® ENERGY™

Two-component resin stucco paste

DESCRIPTION: Gobbetto Dega Energy, one of our latest patented products, is developed with a new technology. It is a two-component paste, solvent-free (non-toxic), composed of modified copolymer synthetic resins, enriched with pigments, fibers, quartz and metal fillers with a controlled particle size with magnetic and conductive properties, free from radioactive waste. It is a thixotropic system (non-sag) therefore can also be applied on vertical surfaces.

INTENDED USE: this product is for floors and walls: can be applied on plaster, screeds and more different types of solid substrates. It improves thermal conductivity and is able to provide a good barrier of isolation from electromagnetic waves. When applied to floors fitted with radiant heating system this resin improves the thermal efficiency and diffusion of heat. For construction purposes this resin allows to hang and affix accessories and furnishing (fitted with specific magnets) to the walls without the need of drilling to insert nails and screws, keeping the surface unbroken. The Gobbetto Dega Energy can also be used as a base for the creation of the Gobbetto Dega Spatolato floors and for artistic decorations (Gobbetto Dega Art).

SUBSTRATUM PREPARATIONS: the surface must be clean and dry. Any previous coatings must be removed and possible concrete unevenness must be levelled.

APPLICATION: apply a Gobbetto Dega Primer undercoat and let it dry. Carefully mix Component A with Component B with 1 to 2 ratio (eg 1 kg Comp.A + 2 kg Comp.B). Apply a very thin coat of Gobbetto Dega Energy with a trowel or knife for plaster. Let dry overnight and apply a second thin coat. Make sure the previous layer is completely dry and remove all possible roughness or bumps on the surface of each layer. Once the product has hardened, after 4/8 hours, it can be sanded lightly to obtain a smooth, flat, even surface. This surface can be finished using Gobbetto Dega Plastic and Gobbetto Dega Brek sealers depending on the result required.

Notes: do not apply the product in a single layer over 2.5 mm thick. The hardening process would be longer and might cause the formation of shrinkage cracks. Any layers greater than 2-3 mm. must be built with multiple coats. Before applying a new coat make sure that the previous layer has thoroughly hardened. Proper ventilation is important for the drying process. The use of air fans might be recommended.



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NOTES: Once mixed thoroughly, the product has a good workability, about 60 minutes depending on the temperature. The product is still workable for several hours; add Dega Primer to thin it down if necessary. It is nevertheless preferable to use it within 24 h.

TECHNICAL DATA:

Application temperature	+5°C
Operating temperature	Limit -30°C +60°C
Work life	About 60 minutes. Can be used within 24 h after mixing.
Drying time at 20°C	Non tacky 60 minutes Dry: depending on the thickness; for 2 mm about 4 hours
Curing time	About 8 hours
Specific weight	3 kg/lt.
Coverage	It's strickly related to the substratum condition. For a thin layer the average is kg 2,5 per mm/sqm
Shelf life	8 month -20°C. Protect from frost
Packaging	12 kg kit 22 kg kit

The values indicated mean tests averages. What indicated about the method of use and the results obtainable with our product correspond to our experiences, without however constituting our use and responsibility. Therefore, the sale of our product is not covered by guarantee with regard of application and is carried out with the understanding that the user will determine the suitability.

Certificato:



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