



Granicem ITE

Mineral based, one coat decorative render

Composition

One coat ,cement based with silicone hydrophobic agents. Composed of mineral binding agents, calibrated sand and proven additives.

Colours

Large choice of colours according to the available samples. Other colours are available on demand. On EWI systems it's not possible to use colours with a clarity under 30. The finished façade surface can show colour differences compared to samples. These differences are caused by the use of natural raw materials and environmental influences during the drying period. To avoid colour differences it is advised to mix some of the previous product with the newly delivered product.

Characteristics

Open to watervapour diffusion, weather resistant, hydrophobic and inflammable.

Preparation substrate

Granicem ITE can be applied on all solid mineral substrates. Granicem ITE is specially designed for use on the Granol'therm Tradition insulation system. All remaining mortar, residus of insulating material and degraded materials need to be removed. To create a suited surface, consult the product information of the Cement'in C+(G), MEGA. The primary substrate needs to be rendered rough preferably horizontally. Follow the prescriptions of the last edition of the DTU 26.1. In case of doubt on the nature of the substrate, consult our technical service.

Application

When used manually, mix one bag of dry mortar intensely with 6-7 liters of clear water. To achieve a perfectly even colour and structure it is necessary to use a constant and homogenic mixture. If used manually remix after 10 minutes. After Application the render is leveled out and stretched with a notched trowel to avoid the forming of air pockets. Granicem ITE can also be applied mechanically. The specifications of the machine manufacturer need to be followed. Granicem ITE needs to be applied in such a way that fresh material is always to other fresh material. In such a way that it is advised the the labourer works just until a edge is reached. One or two days after, if the temperature and the drying time are right, the render is scraped with a scraper. It is important to scrape at the right time, at the right level of drying, to obtain the right characteristics. Treat the same surfaces at once to avoid differences. To avoid efflorescence it is absolutely necessary for it to stay dry 1-2 days after scraping the render. The freshly applied render needs to be protected from rain and from fast drying. In case the sun shines directly on the surface or when wind hits strong, it is necessary to take measures accordingly. Eg. Protective covers on the scaffolding. Do not use when temperatures are less then 5°C. Rinse the tools immediately after use with water. Protect windows, windowsills,...

Consumption

For a layer of approximately 13mm: +/- 17 kg/m²



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Technical data

Density	± 1.5 kg/dm ³
Resistance to compression	> 1 N/mm ²
Water absorption	0,5 kg/(m ² h0,5)
Thermal conductivity	0,87 W/(m.K)
Water vapour diffusion	15-35

Packaging

Bags of 30kg on euro-palets. 12 month shelf life in the original packing and protected from moisture.
Keep away from moisture.

Remarks

It is absolutely necessary for new constructions to dry out completely before the insulation is put into place. This is to avoid an abundance of water migrating from the inside to the outside through the one coat render, resulting in possible colour differences. It is not allowed to add extra additives.