

eile GBS 5000

Fiber Reinforced Non-cracking Thin Plaster and Repair Mortar

Description

It is a concrete based, fiber and polymer reinforced economic thin plaster and repair mortar.

Certified to EN 998-1 CE Document.

Areas of Usage

- *Plastering gas concrete ytong surface,
- *Applications as thin plaster on rough cast; Repairing the exposed concrete surfaces
- * As a plaster on concrete surfaces (ceiling, partition and columns)

Features of Product

- *It contains fiber and polymer; delivers waterproof
- *It adheres perfectly and it is easy to apply.
- *It does not crack; it is very flexible.
- *It looks like gypsum plaster. It can be painted over. It has a long processing period.

Application Procedure

Surface Preparation

The absorbent surfaces such as gas concrete, ytong are primed with **eile PRIMER E**. If it is to be used as ceiling plaster, bright concrete surfaces should certainly be primed with **eile TU-05** or **eile TU-06**.

Mixing

A clean mixing bowl is filled with the necessary amount of water by means of a scale. Then, **GBS 5000** is slowly added. It is mixed with a low speed mixer for 3 - 5 minutes until obtaining a homogenous mixture. The mixture waits and mixed again for 30 seconds to get it ready for use.

Mixture ratio

5- 6 liters of water for 25 kg of powder

Application Method

After mixing, the first layer application is carried out. The second one is applied after the first layer dries up. When the second layer drains, some water is sprinkled on the surface and process of brightness is carried out with a steel trowel. Satin plaster is not required when these steps are completed. Or, the second layer can be fixed with sponge or clover. It should be cured with water in hot weathers since it is cement based.

Points to take into consideration

- * In GBS 5000 application, if the ambient temperature is below +5°C or above +30°C, the suitable conditions should be met. Extremely hot, rainy or windy weather is not suitable for application.
- * GBS 5000 should not be applied thicker than 4 mm.
- * GBS 5000 starting to dry in the bowl should not be mixed with water and new material.

Cleaning of Tools

The tools and equipment used during the application should be cleaned with water. GBS 5000 can be removed only mechanically after it dries up.

Packaging

Polyethylene reinforced Kraft sack of 25 kg

Storage: Best stored in cool and dry place in unopened package with a maximum 10-fold stacking.

Shelf Life: 12 months following the production date under the specified storage conditions.

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Technical Specifications

Structure of the material: mineral fillings, special additives and concrete.

Color: Grey

Application temperature: +5 °C / +30 °C

Application thickness: 3-4 mm

Pot life: 60 minutes

Consumption: 5-6 kg/m² (depending on the surface)

Maturation period: 5 minutes

Adhesion strength: ≥ 6 N/mm²

Compressive strength: ≥ 0.5 N/mm²

The values specified above were determined under laboratory conditions. The values might change due to the differences in the worksite environment.



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TS EN 998-1

Dry bulk density: 1400±200 kg/m³

Compressive strength: CS IV

Bond strength: ≥ 0.5 N/mm²

Water vapor permeability: ≤ 15 μ

Fire reaction class: Class A 1

Safety Recommendations: Please wear the coveralls, protective gloves, glasses and mask suitable for occupational health and safety. Make sure that it does not contact the skin and the eyes; in case it does, wash with plenty of water. In case swallowed, contact the closest health care institution immediately. Keep out of the reach of children. Keep food and drinks away from the application areas.

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