

GP 70 FAST



| Unit of measurement | Pieces/Pallet | Consumption | Color/other specifications |
|---------------------|---------------|--|----------------------------|
| 5 kg/bag | 4 pcs/box | 1.5 kg/m ² for mm thickness | Grey |



GP 70 FAST

Powder specifically for cement-based repairs that hardens quickly, with high resistances.

FEATURES

This powder is specifically for cement-based repairs; it hardens quickly and has high resistances. Ideal for projects where speed in their execution or completion is needed. It does not contain chlorides or corrosive contents. Only if you add water, you will get a mixture which is workable for 7 minutes, while the solidification procedure starts after 15 minutes. Resistance that develops in one hour is equal to that of a simple plaster after 24 hours. It has high resistance in frost, humidity and abrasion from chemical substances such as nitric salts, sulfur and chlorides. It represents high adhesiveness with the substrate, excellent workability, zero shrinkage and does not crack.

AREA OF APPLICATION

GP 70 FAST is recommended for safe and fast stabilizations in meshes for plasters in outdoor and indoor surfaces, for power distribution boxes, thus substituting plaster cast with a resistance that is 40 times higher in compression and does not have the risk of being destroyed due to rain and humidity. It is necessary for hydraulic applications in wells. It is suitable for machine anchoring, metallic railing and pillar fixation in concrete walls. It is effective for sealing holes in concrete walls, floors or ceilings, and also for putting angle bead profiles (angle protectors).

MANNER OF APPLICATION

1. Prepare the surface

The substrate must be free from dust and rotten materials, and it should be thoroughly wetted in order to have a high adhesion.

2. APPLICATION

Pour GP 70 FAST into clean water, to the ratio of 3 kg powder in 0,7 - 0,8 l of water, depending on the application, and mix well until a homogenous mixture is created. Every layer is applied in a thickness up to 3 cm.

TECHNICAL DATA (IN 23°C AND 50% RH)

| | |
|------------------------------------|-----------------------------|
| Form - Color | Cement powder-Grey |
| Toxic / flammable (per EN 88/379) | no |
| Specific weight of dry powder | 1,42 ± 0,05 kg/lit |
| Specific weight of wet powder | 2,00 ± 0,05 kg/lit |
| Maximum diameter of grain | 0,7 mm |
| Water demand | 0,7 lt water to 3 kg powder |
| Application temperature | From +5°C to +30°C |
| Thermal resistance | From -30°C to +200°C |
| Pot life in container | 7 minutes |
| Contraction according to ASTM C596 | Zero |
| Resistance in continuous humidity | Excellent |

MECHANICAL RESISTANCES

| | |
|--|--------------------------------|
| Resistance to flexion after 28 days, according to EN 196-1 | 7,50 ± 1,00 N/mm ² |
| Resistance to compression, according to EN 196-1, after | |
| • 24 hours | 8,90 ± 2,00 N/mm ² |
| • 7 days | 23,50 ± 1,00 N/mm ² |
| • 28 days | 35,00 ± |

CONSUMPTION

About 18 kg/m²/ cm thickness layer

SHELF LIFE - STORAGE

It is stored in well-closed packaging, in dry places and at temperatures higher than +10°C, for at least 24 months after manufacture date.