FIBREN GP 70

Unit of measurement	Pieces/Pallet	Consumption	Color/other specifications
25 kg/sack	54 pcs/pallet	1,5 kg/m² for mm thickness	Grey
5 kg/bag	4 pcs/box	--	--

FIBREN GP 70
Cement-based, repairing mortar, with synthetic resins and special additives.

FEATURES
Cement powder, for repairs with high mechanical resistance, for fillings up to a thickness of 60 mm / later, does not contract, for indoor and outdoor uses. It offers excellent workability, adhesion, resistance to frost, strikes and humidity. Thanks to its hydraulic connections, special polymers, selected inerts and synthetic fibers it contains, it does not crack and does not slip in large thicknesses.

AREA OF APPLICATION
FIBREN GP 70,repairs all types of irregular constructions in a thickness of 6 cm, with one layer, without moulds. It is suitable for all types of repair works in concrete, for adjusting broken corners in ladders, balconies, columns, holes, gutter creation.

MANNER OF APPLICATION
1. Prepare the surface
The substrate must be free from dust and rotten materials, and it should be thoroughly wetted or primed with the micromolar stabilizer BETON CONTACT, before application.

2. APPLICATION
Pour the cement powder into clean water, to the ratio of 25 kg powder in 5,5 l of water, and stir with a low-speed drill or mixer depending until a homogenous mixture is created, suitable for any use. The mixture remains workable for 3 hours and is applied through trowel for repairs, and through a pouring machinery if the surfaces need a covering material with high mechanical resistances.

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	1,47 ±0,05 kg/lt
Specific weight of wet powder	2,00 ±0,05 kg/lt
Maximum diameter of grain	1.5 mm
Water demand	5,5 lt water to 25 kg powder
Application temperature	From +5°C to +35°C
Thermal resistance	From -30°C to +80°C
Pot life in container	3 hours
Maximal thickness for application	6 cm

MECHANICAL RESISTANCES	
Resistance to flexion after 28 days, according to EN 196-1	8,00 ± 1,00N/mm²
Resistance to compression, according to EN 196-1, after	
• 48 hours	22,00 ± 3,00 N/mm²
• 7 days	30,00 ± 2,00 N/mm²
• 28 days	50,00 ± 1,00 N/mm²

PACKAGING
Paper sacks of 25 kg.

CONSUMPTION
About 18 kg/m² / cm thickness layer