EPO REPAIR ULTRA

Unit of measurement	Pieces/Pallet	Consumption	Color/other specifications
20 kg/sack 1 kg/bucket 4 kg/bucket	54 pcs/pallet 12 pcs/box 36 pcs/pallet	1.5kg/m²/mm	Grey

CE

EPO REPAIR ULTRA

Three-component, epoxy - cement based product, for repairs of concrete structures and anchoring metal structures.

FEATURES

Three-component, epoxy - cement based product, for repairs of concrete structures and anchoring metal structures with high mechanical resistance, no shrinkage, for indoor and outdoor use. It offers good workability, adhesion, resistance to frost, strikes and humidity. Thanks to its hydraulic connections, special polymers, selected inert and synthetic fibers, as well as epoxy resin it contains, it does not crack.

AREA OF APPLICATION

EPO REPAIR ULTRA, suitable for fixations, anchoring, metal structures, sealing holes, and generally in places where high resistance is required.

MANNER OF PREPARATION

1. Surface preparation

The substrate must be free from dust and rotten materials and it should be watered thoroughly or be primed with Epoxy PRIMER W 4000.

2. APPLICATION

Pour cement powder in the amount of epoxy components A and B, which were mixed beforehand, and stir with a low- speed drill until of a homogenous mixture is created, suitable for any use. The mixture will remain workable for 60 minutes and is applied with a trowel for repairs or by pouring for anchoring.

TECHNICAL DATA (IN 23°C AND 50% RH)

Toxic / flammable (according to 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
Application temperature	From +5°C to +35°C
Thermal resistance	From -30°C to +80°C
Pot life in container	50 minutes

MECHANICAL RESISTANCES

Resistance to flexion after 28 days, according to EN 196-1	38,00 ± 1,00N/mm²
Resistance to compression, according to EN 196-1 after	
• 48 hours	72,00 ± 3,00 N/mm²
• 7 days	90,00 ± 2,00 N/mm²
• 28 days	130,00 ± 1,00 N/mm²

CONSUMPTION

About 18 kg/m² / cm thickness layer