



R2

POLYWED 700

NON SHRINKING THIXOTROPIC REPAIR MORTAR WITH FIBER

REPAIR

POLYWED 700 is ready to use mortar, mainly consists of sand (reconstituted grain size range) cement, Fiber sand special cement additives that provide special properties :non-shrinking, thixotropic, high strength, high adhesion, compactness : it's very closed grain size slows down carbonation.

APPLICATION

- Application standards: ASTM C67 Non-shrinking
- Non-sweating High strength
- Normal setting and fast hardening sufficient strength after one day. High final strength, good resistance to sea water and to high sulfate water Thixotropic; It can therefore be applied thickly, in concrete repair,

Can Be Applied:

- With a trowel
- By dry spraying.
- By wet spraying.
- By pumping.

SCOPE OF USE

Repair of concrete surfaces, spalling, honey-combing, edges of steps., Restoring the structure of damages construction, columns, slabs, vault, mats and dam over flows. Reinforcing of weakened structures such as balconies, pedestals, corices,...etc.

PACKAGING

Approximately 2m²/25 kg bag

PACKAGE

POLYWED R700 is available in 20 kg packs.

CAUTION

Health and Safety:

As with all chemicals products, caution should always be exercised and protective clothing, such as gloves and goggles, should be worn POLYWED 700 may cause irritation to skin or eyes. In case of accidental contact with eyes. Immediately flush with plenty of water for at least 10 minutes and seek medical advice if necessary.

Fire:

POLYWED 700 is non flammable.

FOR MORE INFORMATION, PLEASE CONTACT PHONE NO. 0096626204224

CHARACTERISTIC & CHEMICAL COMPOSITION

Appearance	Grey Powder Powder
Density	1.28
Active ingredients	hydraulic binders, synthetic fibers, without any chlorides or metal particles
Grain size	0 to 2.5mm
Mixing water	8 litres per 20 kg bag
Yield	20 kg Powder Cover 2.5 m ²
Mortar density	2.2
PH	12
Thickness	5 to 50 mm in one coat
Compressive strength	>40N/mm ² at 28 days.
Flexural Strength	>7N/mm ² at 28 days
Adhesion	0.8N/mm ² at 28 days

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INSTRUCTIONS FOR USE

Preparing Mortar:

Make a liquid mixture or mortar by mixing POLYWED 700 with clean water. The amount of water to be used, depends on the desired fluidity or workability, to make a slurry mix with a power drill mixer with a high speed of rotation to make a mortar, mix the product with a concrete mixture or in trough, with a trowel, mixing must be continued for at least 3 minutes until a homogeneous paste is obtained, POLYWED 700 must be used within one hour from mixing and extra amount of water is forbidden.

SUBSTRATE PREPARATION:

Remove damaged concrete and laitance by scabbing with a pick, cold chiseling, or running a concrete plane to get a sound, rough surface. The area must be surround by clean edges. Do not feather edges, the surface must also be free from any trace of grease or oil. Brush or scrape corroded steel with a metal brush, or sand it to remove all rust particles. If possible, remove concrete from back of reinforcing rods to be able to coat them. Remove dust from all surfaces to be fixed brush. Saturate the surface with water by copiously spraying just before application and if possible 6 hours before application as well.



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