



EUROTILES STRUCTURAL REPAIR MORTAR 110 is a fiber-reinforced non-shrink mortar used for the repair of concrete structures and for the reinforcement of weakened structures with an application thickness of 2mm to 35mm.

USES

- Repair of concrete surfaces: spalling, honeycombing, stairnosing, ramp, etc.
- Concrete restructuring: pillars, slabs, posts, dam aprons and spillways
- Reinforcement of weakened structures: balconies and cornices
- Treatment of chamfers and seams prior to waterproofing

ADVANTAGES

- High mechanical strength
- Excellent resistance to sea water and sulphated water
- Semi-smooth finish
- Paintable after 24 hours depending on the atmospheric condition

TECHNICAL DATA

	days	mpa	psi
Bond strength by Pull-off Test ASTM C1583	7	1.0	145
	28	1.2	174
Compressive Strength ASTM C019	7	27.58	4,000
	28	34.47	≥5,000

Coverage	Varies (depends on the thickness to be covered)
Packaging	25kg bag
Storage	cool, dry place
Shelf life	12 months (unopened bag)

HOW TO USE

A. Substrate Preparation

- Use a point tool or a chisel in removing loose and damaged concrete and laitance to obtain a clean and rough surface.
- Create space by inserting the product around and behind them by clearing out the concrete around corroded rebars.
- Clearly define the boundaries of the surface to be repaired.
- Remove all traces of oil and grease on the substrate.
- Remove all non-adherent rust by brushing, scraping and sandblasting the corroded rebars.
- Get rid of dust on the surface to be repaired.
- Dampen the surface prior to application.

B. Product Preparation

- Mix one 25 kg bag of Eurotiles Structural Repair Mortar with 4.5 - 5 liters of clean water (18%-20% water content), mix thoroughly using a mixing machine for a minimum of 3 minutes until it is evenly distributed. Manual mixing is not advisable because it may result in uneven distribution.
- Workable time after mixing: approx. 45 minutes at 25°C.
- Do not add water during application.

C. Application

- Using a stainless steel trowel, apply the first batch of Eurotiles Structural Repair Mortar press firmly onto the substrate to ensure bonding.
- Apply additional mortar layer by layer by using a spatula or a steel trowel, press firmly to obtain the desired overall thickness.
- Use a stainless steel trowel or rubber float in finishing the repaired surface.
- Eurotiles Structural Repair Mortar can be applied by using a machine spray for large surfaces.

PRECAUTIONS

- Temperature range: 5°C to 35°C
- Chip the substrate before application
- Do not apply to a frozen or thawing substrate
- Active cracks must be treated separately
- Do not add hydraulic binders, cement, sand and/or admixtures

DISCLAIMER: Due to different working methods, the manufacturer is not liable for any damages and faulty outcomes arising from incorrect use of this product. Please follow the instructions mentioned above.

PRODUCT MADE IN THE PHILIPPINES

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