



# Emtek Ultracrete PY4 Polyester Resin Mortar 25kg Tub

## EMTEK Ironwork Reinstatement Systems

A polyester resin with a track record over many years, particularly effective as a bedding mortar for ductile or heavily trafficked ironwork.

Supplied as a complete pack, this product comprises of two equal parts to avoid unnecessary waste. Very rapid strength gain, excellent flexural and tensile strengths and reaches 60 N/mm<sup>2</sup> compressive strength in 60 minutes.



### KEY FEATURES

- Fast setting/Rapid strength gain
- Excellent flexural and tensile strengths
- Application a 0°C possible
- Open to traffic in 40 minutes
- A component part of the BBA HAPAS Ironwork System
- Complies with the DTI Design Manual for Roads and Bridges: Mortars for Bedding Ironwork HA 104/02 which states that the tensile strength of a mortar should exceed 5 N/mm<sup>2</sup> in 3 hours
- Laid between 5mm-50mm
- 6 months shelf life

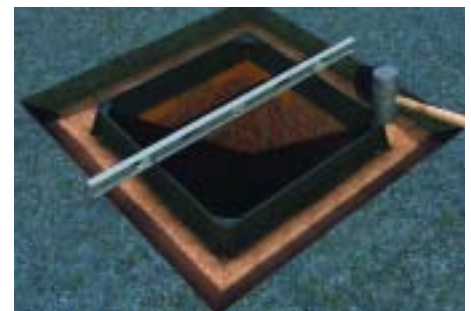
### PERFORMANCE

Age	Curing Temperature	Compressive Strength N/mm <sup>2</sup>	Tensile Strength N/mm <sup>2</sup>	Workability	Set Time
1 hour	20°C	60.0	7.41	5-10 minutes	15 minutes
2 hours	20°C	70.0	7.83	5-10 minutes	15 minutes
28 Days	20°C	85.0	9.91	5-10 minutes	15 minutes

#### Storage

Store in a dry place at temperatures between 5°- 30°C. Shelf life in correct conditions for sealed tubs is 6 months. Store in dark area away from oxidising materials. High temperatures and high humidity will lead to a reduced shelf life.

Yield	Colour
12.5 litres (approximately)	Golden Brown



Please Note: All tests are carried out at 20°C in temperature-controlled laboratories. Where temperatures are variable cementitious product performance will vary. Cool temperatures retard, warm temperatures accelerate.

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