

Emtek Ultracrete Envirobed High Performance Mortar 20kg bag & 2.5 litre poly bottle

EMTEK Ironwork Reinstatement Systems

A revolutionary next generation, environmentally friendly alternative to resinous based materials. For the bedding of ductile ironwork conforming to the DTI Design Manual for Road and Bridges: Mortars for bedding ironwork HA 104/02.

Envirobed is a high strength gain mortar which is specifically made for the application of ironwork to depths of 10-50mm.



KEY FEATURES

- Environmentally friendly - no special disposal of packaging necessary
- Specially developed for ductile ironwork conforming to BS EN 124
- High tensile strength provides significant resistance to heavy trafficking 5.8 N/mm² after just 3 hours
- Rapid compressive strength gain 50 N/mm² after just 3 hours
- Excellent bond strength
- Shrinkage compensated
- No Odour
- Ideal for wet conditions
- 10mm-50mm in one pass

PERFORMANCE

Age	Compressive Strength N/mm ²	Tensile Strength N/mm ²	Flexural Strength N/mm ²	Bond Strength	Workability	Set Time
3 hours	50.0	5.8	9.8	3.5 N/mm ²	15 minutes	30 minutes
24 hours	55.0	6.4	11.4	3.5 N/mm ²	15 minutes	30 minutes
7 Days	63.0	6.9	12.6	3.5 N/mm ²	15 minutes	30 minutes
28 days	65.0	7.1	13.8	3.5 N/mm ²	15 minutes	30 minutes

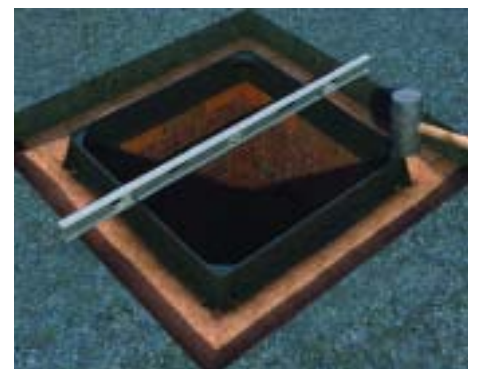
Storage

This product must be stored in unopened bags, clear of the ground in cool dry conditions between 5°C - 25°C and protected from excessive drafts.

Shelf life

6 months in above conditions. Please note: the use of this product after the end of the declared storage period may increase the risk of an allergic reaction. High temperatures and high humidity will lead to a reduced shelf life.

Density	Yield	Colour
2.298 kg/m ³	9.86 litres, 102bags/m ³	Light Grey



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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