

Kemtile E/UW

Under Water Epoxy Adhesive EN 12004 Type R. Class T2

Description	It is a two-component solvent –Free, non–sag epoxy paste that is suitable for bonding cement, stone, and ceramic .it cures in damp or underwater.
Where to use	<ul style="list-style-type: none"> • Structural adhesive. • Bonding segmented pipes and panels. • Tile adhesive. • Marine repairs. • Swimming pools, spa.
Advantages	<ul style="list-style-type: none"> • High mechanical strength. • Thixotropic non-sag. • Good chemicals resistance & water proof. • Excellent adhesion in wet or underwater. • Resistant to mould & fungus.
Properties	
Specific gravity	1.85 ±0.05 Kg/L
Pot life @ 23 °C	20 – 30 min
Application temperature	+10 °C/+30 °C
Cure time	6 Hours
Full cure	3 Days
Compressive strength	70 - 80 N/mm ²
Tensile strength	15 - 20 N/mm ²
Adhesion strength	≥ 2 N/mm ²
How to use	<ul style="list-style-type: none"> • Both surfaces should be clean. • Remove all dust, oil, or grease. • Use mechanical abrading or etching if required.
Mixing	<ul style="list-style-type: none"> • Mix components (A&B) at the exact ratio. • Mix thoroughly until a homogeneous color is obtained.
Application	<ul style="list-style-type: none"> • One surface should be coated above water. • The mixed paste should be pressed firmly out of the prepared surfaces and clamped until it sets • Spread evenly over the surfaces to be bonded. • Any excess material squeezed out should be scraped away before it cures.
Theoretical coverage	10 Kg/m ² /5mm thickness
Packaging	25 Kg (A&B) pails
Shelf life & Storage	One year in its unopened packs stored in appropriate conditions.
Cleaning	Clean all tools immediately after use with solvent.

Health and Safety

- Care should be taken to avoid inhalation of dust and to prevent material from entering the eyes.
- Use goggles-gloves and a breathing mask when applying.
- Apply forced ventilation in confined spaces.
- Remove splashes from the skin with a hand cleanser or soap and water.
- Eye splashes are to be washed with plenty of water.

Additional Information

PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure.

PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction.

PROKEM reserves the right to change the properties of its products.

All orders are accepted subject to our current term of sale & delivery.

Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.

PROKEM extends technical services to include after-sales support to assist users in the proper handling of our products.
