

Kemfloor ET/ Slurry

Heavy duty, Light weight, Anti-skid floor topping

Description	Kemfloor ET/ Slurry is a three component light weight, hard wearing anti-skid floor topping based on solvent-free, coal tar modified epoxy resins, used for a variety of surfaces such as concrete, steel, and asphalt. It withstands both foot and heavy traffic. It complies with ASTM C307,580,D695,792& B.S 476 part 7 class 1
Where to use	Kemfloor ET/Slurry is recommended to be used for the following. • Car parks • Ships and bridge decks • Helicopter decks • Industrial areas • Work platforms • Cargo handling areas
Advantages	• Zero spread of flame • Waterproof • Light weight • Excellent adhesion to steel and concrete substrates • Flexible • Hard wearing • Non-slip – excellent grip even when wet • Chemically resistant • Prevents aquaplaning
Properties	
Specific gravity	1.6 ±0.2
Pot life @ 20 °C	30 min
Flash point	> 50 °C
Compressive strength	16 - 17 N/mm ² (3 days) 17 - 18 N/mm ² (7 days)
Flexural strength	12 - 13 N/mm ²
Surface Preparation	• Concrete surfaces must be sound, clean and dry • Concrete surfaces must be free of laitance and loose particles • Mechanical scarifying or blasting is preferred to reach the surface profile as per specification • Steel surface should be blasted or sandblasted to a min. Sa 2 ½ surface profile of at least 75 microns is recommended
Mixing	• Mix the two components (A & B) thoroughly with a low speed mixer. • Add the component (C) and mix until a homogeneous slurry is obtained.

Application	• Prime the concrete surface with Bonding Primer or Sealer E43 to provide a thin even coverage • In case of (Bonding Primer leave overnight) as for Sealer E43 apply wet on wet • No prime is needed for asphalt or metal surfaces • Pour the mixed mortar onto the prepared surface • Work in lanes of 2 – 3 Meter width • Spread the material with a trowel or squeegee • When a slip/skid resistant finish is required, an appropriate aggregate (such as calcined bauxite, quartz or basalt) should be broadcast over the floor. • Allow the surface dressing aggregate to fall vertically immediately after application over the slurry layer • The following day excess aggregate may be swept from the floor. • Allow to cure for overnight at 23 °C
Cleaning	Clean all tools and equipment immediately after use with PROKEM special solvent
Theoretical Coverage	Light traffic (5 Kg/m ² /3 mm thick) Medium traffic (6.5 Kg/m ² /4 mm thick) Heavy traffic (8 Kg/m ² /5 mm thick) Aggregate No.1001 consumption 6-12 Kg/m ²
Packaging	30 Kg (A, B & C)
Shelf life & storage	12 months if stored in unopened containers in cool, dry condition.
Health and Safety	• Use gloves and a breathing mask when applying. • Apply forced ventilation in confined spaces. • Skin splashes to be removed with hand cleanser, soap, and water. • Eye splashes are to be removed with plenty of water. • If ingested seek medical advice.
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 structures. PROKEM designs tailor made products should there be a 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 terms 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.