

Kemtile Fix Flex

Cement Based, High Flexibility Tile Adhesive Type C2S

Description	It is cement-based, composed of special hydraulic binder, fillers, and special additives it has extended time for application, suitable for horizontal and vertical bonding for both interior and exterior use It complies with EN12004, EN1348, ISO-13007- 2, ANSI A118.4, Type C2S	
Where to use	<ul style="list-style-type: none"> • As adhesive for fired tiles, ceramics, mosaics, and marble • Suitable for interior & exterior uses • Applied on both horizontal and vertical surfaces • Suitable for screeds with radiating systems and for large-size coverings • Water retaining structures & swimming pools • It is compatible with cement gypsum, and line plaster, cement screeds, concrete blocks, and stones 	
Advantages	<ul style="list-style-type: none"> • High flexibility • Suitable for large tiles • Extended open time & can be used in low or high temperatures • Easy to apply & weather proof • Eco-friendly • Resistant to mould & fungus 	
Properties		
Appearance	Dry Powder	
Color	Grey & White	
Specific gravity	1.8 ±0.1	
Pot life @ 23 °C	30 Min	
Time to walk on	24 Hours	
C2 Improved cementitious adhesive characteristics		
Tensile adhesion strength to concrete	1.31 N/mm ²	EN 12004 - 2
Tensile - After water immersion (20 days)	1.07 N/mm ²	EN 12004 - 2
Tensile - After heat aging (14 days) @ 70°C	1.14 N/mm ²	EN 12004 - 2
Tensile - After freeze - thaw cycle	1.32 N/mm ²	EN 12004 - 2
How to use	<ul style="list-style-type: none"> • New concrete / screed and brickwork should be allowed to mature for at least 4 weeks before fixing commences • Any render must be left at least 2 weeks before tile fixing is commenced • Surfaces must be dry, clean, and free from dust, salts, fat and organic materials • Any defective sections must be made good before laying new tiles on top • Don't apply on a too-hot surface <p>Don't apply on metal surfaces</p>	
Mixing	<ul style="list-style-type: none"> • Mix with 6 L of clean water for each 25 Kg sack • Mix with hand drill • Mix until a homogeneous mix is obtained • Use the mix within 30 minutes from preparation 	

Quality Needs Quality



Application	<ul style="list-style-type: none"> • Apply a thin coat adhesive with a smooth metal spatula or trowel to improve adhesion. • After that, apply the tile adhesion with a toothed metal spatula or a trowel • Lay down the tile and make adequate pressure to make the adhesive wet the whole tile • Use the adhesive within 30minutes at 23 °C, always check the material is fresh • Leave joints between tiles width of 3mm • Material can be used in thickness of 3mm and up to 12 mm • Fill joints after 24 hours after laying the tiles • For large tiles use a double spreading technique on both wall and tile • Clean tiles with a dry cloth while the material is wet and if the material is dry clean with a wet sponge
Theoretical coverage	1.8 Kg of Kemtile Fix Flex / sq.m / 1mm thick
Packaging	25 Kg sacks
Shelf life & Storage	Kemtile Fix Flex has a shelf life of 12 months at least when stored in normal dry conditions
Cleaning	Tools and application equipment should be cleaned with water immediately after use
Health and Safety	<ul style="list-style-type: none"> • 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	<p>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</p> <p>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</p> <p>All orders are accepted subject to our current term of sale & delivery</p> <p>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</p> <p>PROKEM extends technical services to include after-sales support to assist users in the proper handling of our products</p>