

Kemjoint C/W

Cement Base, Water Proofing Grouting Mortar for Sealing Pores and Shrinkage Cracks in Mortar Joints of Bricks and Tiles

Description	Kemjoint C/W is a cement – base waterproofing grouting mortar formulated specifically for sealing pores and shrinkage cracks in mortar joints of smooth brick or tile walls and floors. Textured or rough brick can also be grouted if brick faces are first taped it is also recommended for swimming pools and water-retaining structures	
Where to use	• On smooth-face brick where faulty joints need repair • On glazed or unglazed tile joints • On smooth-floor brick or tile joints • Crack repairing • Facade joint filling	
Advantages	• Non-shrinkage • Easy to apply • Permit complete filling and sealing of all defects in masonry or mortar without costly cutting out and tuck-pointing • Non-metallic • Waterproof • Resistant to mould & fungus	
Properties	It complies with EN 12004 Type C, Class T2,12808-2,3,4,5	
Appearance	Dry Powder	
Color	White, Grey & other colors are available	
Specific gravity	2	
Pot life @ 23 °C	90 Min	
Flexural St./28 days dry storage	2.84 – 3.02 N/mm ²	EN 12808-3
Flexural St./28 days freeze-thaw 25 cycle	2.64 – 2.7 N/mm ²	EN 12808-3
Compressive St./28 dry storage	22.37 – 25.01 N/mm ²	EN 12808-3
Compressive St./28 days freeze-thaw 25 cycle	16.94 – 18.66 N/mm ²	EN 12808-3
Abrasion resistance	1722 mm ³ loss	EN 12808-2
Shrinkage Test	1.79 mm/m	EN 12808-4
Water Absorption	30 Minutes: 3.69 g 4 Hours : 9.03 g	EN 12808-5
How to use		
Surface Preparation	The surface to be grouted must be clean and free of all dust, dirt, laitance, efflorescence, paint and previous waterproofing	
Mixing	• Place dry material in a clean pan, drum, or steel box • Gradually add 6.5 - 7 liter of clean water to 20 kg of Kemjoint C/W • Stir until consistency of thick batter (enough may be mixed to last two hours) • Let material fatten for 30 minutes, then thoroughly mix just before using • Re-temper if necessary	

Application	• Dampen surface, but leave no free water • Use a coarse-fibred brush for application and apply a key coat of the material mixed with water (1:1) by weight • Scrub joints briskly, tracing joints as much as possible to rub small shrinkage cracks full of mortar, but keeping as much material off the surface of the brick as possible • After scrubbing, while the mortar is fresh, wipe excess from the face of brick or tile with damp, flat spongy, or flattened burlap frequently rinsed in clean water • Substrate and weather temperature ranges between 5 - 30 °C
Theoretical coverage	One bag will yield approximately 10 liters of fresh material
Packaging	20 Kg sacks
Shelf life & Storage	Kemjoint C/W 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	• 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