



W5 MULTIBOND

MULTIPURPOSE ADHESIVE, TILE BONDINE, NEW TO OLD CONCRETE PLASTERING AND BONDING, FLEXIBLE CEMENT WATERPROOFING AND CURING COMPOUND

USES

- **Waterproofing** for basement walls, tunnels, toilet floors, concrete rooftops, flower troughs, swimming pools, water tanks, and fishponds
- **Multi-purpose adhesive** for wallpapers, carpet and wood parquet bonding, bonding vinyl film onto plywood, fibre to paper, fibre to foil, vinyl to film, ceramic tile setting, and asphalt tile to floor
- **Injection waterproofing** - Inject W5 by itself or mix with polymer into screed and wall to waterproof. Injection pressure is 100 psi. Drying time is about 10 days at 300°C inside the sand screed.
- **Water Tank & Roof Top Waterproofing** - Use W5 + Plastering Cement (or Cement) to form an elastic membrane.
- **New to Old Concrete Bonding**
- **Curing Compound** - Dilute W5 Multibond with Water (Ratio 1: 4)

FEATURES

Cement added with W5 will

- be able to work on damp surfaces and act against flowing water to stop leaks and waterproof effectively on the positive and negative side.
- improve elasticity with self-levelling property and reduce porosity.
- reduce shrinkage by up to 10 times for cement sand screed, reducing shrink-age cracks. Also increases cement-setting time by 1 hour.
- be good for wall plastering and admixture for non-shrink grout. After application, 1 to 2 days for curing by wetting is enough.
- improve bonding strength by 2 to 3 times to 30.57 kg/ cm². Especially good for bonding homogeneous tiles, granite and marble tiles and wood bonding. Bonds directly onto concrete surface.
- allow thin plastering work. Does not yellow even when exposed to sunlight.
- have increased flexural strength to 71.33-kg/ cm² and compressive strength to 407.6-kg/ cm².
- have resistance to chloride, salt water, oil, vapour and mild acid, a feature particularly suitable for concrete structure builds around the marina. It resists water pressure up to 15.28-kg/ cm².



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APPLICATION METHOD

- ## For Tile Adhesive and Cement Slurry Bonding & Waterproofing

- ### For Cement Slurry Waterproofing

- ## For New to Old Concrete Bonding, Cement Sand Screed, Wall & Ceiling Plaster

OR

Pour the concrete into the formwork immediately.

CEMENT SLURRY BOND COAT

Mix Ratio	Cement	:	W 5	:	Water	
	12	:	1	:	2 to 3	by volume

RENDER

Mix Ratio (Cement : Sand = 1 : 3 to 5) : W 5 : Water
18 : 1 : 5 by volume

Usage: 0.50 kg / m² per 25 mm thickness. 4% W5 based on weight of Cement.



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PLASTERING AND BONDING, FLEXIBLE CEMENT WATERPROOFING
AND CURING COMPOUND

For Spalling Repairs, Mending Worn-Out Floor and Holes, Patching Works Around Piping etc.

Usage: about 0.5 kg / m² per 2 mm thickness

For Concrete Curing Agent

Mix Ratio- W5 : Water = 1 : 7 by volume

- Mix well, brush over freshly poured concrete surface to reduce shrinkage cracks, increase strength, surface hardness and to waterproof.
- Usage: about 0.5 kg / m² per 2 mm thickness

CALCULATIONS

To use 12% of W5,

Dilute W5 : Water = 1 : 1 by volume before adding into the cement and sand mix.

Usage: 6 kg of W5 per 50-kg bag of cement.

TECHNICAL DATA

Physical Form: Thick milky pure polymer solution

Elongation: 5.3 times its thickness

Shelf Life: 12 months

Water Test Zero Water Penetration: DIN 1048 part 5 : 91. Tested by SETSCO.

PACKING

0.5 litre 1 litre 5 litre 20 litre



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