

webermix admix 1

Latex Admixture For Cement-Based Tile Adhesive

webermix admix 1 is a ready to use, Water-Based Emulsion Polymer, specially formulated for use with Weber's range of Cement-Based Tile Adhesive. Manufactured to stringent internal Quality Assurance System, conforming to ISO 9001 2008.



TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	Milky White Liquid
Specific Gravity	1.01
Viscosity	250 – 350 mPa.s
pH	9 – 10
Shelf Life	12 months
Inflammability	No
Toxicity Hazard	No
Mix Proportion	1 pbw webermix admix 1 to 3 pbw Tile Adhesive Approx. 6 – 7 ltrs mix admix 1 per 20 kg bag Tile Adhesive Approx. 6 – 8 ltrs mix admix 1 per 25 kg bag Tile Adhesive
Pot Life (with Adhesive)	3 – 4 hours
Open Time	Approx. 15 – 20 minutes at 25°C
Setting Time	24 – 48 hours
Application Temperature	Above 5°C – 50°C
Temperature Resistance	100°C
Frost Resistance	Good
Water Resistance	Very Good
Resistance to acids	Fair
Resistance to alkalis	Good
Resistance to oil & solvents	Good
Damp Resistance	Very Good
Flexibility	Good
Bonding Strength (weberset super star + mix admix 1)	
Shear Bond Strength (BS 5980 1980)	
14 Days Air Dry	> 20 kN
7 Days Air Dry / 7 Days Wet	16 – 17 kN
7 Days Air Dry / 7 Days at 100°C	17 – 19 kN
Tensile Adhesion Strength (EN ISO 13007 – 2 Clause 4.4)	
After 28 Days Air	2.6 – 2.8 N/mm ²
After Water Immersion	1.4 – 1.6 N/mm ²
After Heat Ageing	1.7 – 1.9 N/mm ²
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Tile onto Building Board



Tile onto Existing Tile

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GENERAL PERFORMANCE

webermix admix 1 is suitable for use at dry or wet areas, internal or external areas including areas under immersion of water (swimming pool, water tank etc.). Cement-Based Tile Adhesive modified with **webermix admix 1** benefits in improved physical & chemical properties.

- Enhances adhesion strength of Tile Adhesive to wide variety of (demanding) substrate including dense or smooth concrete, existing tiles, marbles, terrazzo etc., existing vinyl tiles, building boards etc. It improves adhesion strength when fixing water impervious Ceramic Tiles, Mosaics or Natural Stone Slabs (ie. Porcelain or Vitrified Homogeneous Tiles, Glass Mosaics, Marbles, Granites etc.)
- Tile Adhesive modified with **webermix admix 1** imparts greater durability, abrasion resistance, cohesive strength, flexural strength & weather resistance. Provides greater resistance to stresses in installation where tiling may be subjected to background movement, vibration, loading or hydrostatic pressures of pool water.
- Tile Adhesive gauged with **webermix admix 1** offers greater water resistance & reduces water permeability; therefore highly suitable for swimming pools and similar wet duty application. Appropriately used will also minimize efflorescence.
- Improves resistance to attack by mild acidic or alkaline solution.
- Tile Adhesive gauged with **webermix admix 1** offers greater resistance to frost when fully cured.

Note :

As some solid matter in mix admix 1 may settle during storage, it is essential to stir well before use. not to be use in temperature lower than 4°C.

TYPICAL APPLICATION

webermix admix 1 is used with Cement-Based Tile Adhesive, in replacement of gauging water, for the following applications :

- External wall & floor tiling.
- Swimming pool tiling.
- Tiling to dense / smooth concrete.
- Tiling to areas / substrates subjected to movement.
- Tiling to water impervious substrate (ie. Existing tiles, marbles, terrazzo, glass, waterproofing etc.).
- Fixing of dense / water impervious tiles & natural stone slabs.
- Tiling to building boards ie. Plywood, chipboard, cement fiber board etc. (**webermix SBR primer** is require)
- Tiling to existing vinyl tiles (**webermix SBR primer** is require).
- Fixing large format tiles or stone slabs to walls.
- Tiling to Wet-Duty Areas.
- Tiling to heavy pedestrian & vehicular traffic areas.

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GROUTING



Surface Preparation

Surface to receive tiles must be well cured, dry, sound and free of contamination ie. dust, grease, laitance, oil etc. When fixing onto building boards, a surface PRIMER mix SBR is required.



Mixing

webermix admix 1 is ready to use; therefore does not require further addition of water. Add Cement-Based Tile Adhesive into **webermix admix 1**. Stir using Mechanical Mixer, until a slump-free, workable adhesive mortar is obtained. Ideal mix ratio is usually 1 part **webermix admix 1** to 3 part Cement-Based Tile Adhesive by weight. Please refer related Tile Adhesive Technical Sheet for the appropriate mix ratio concerned.



Application

Cement-Based Tile Adhesive modified with **webermix admix 1** should be applied in the normal approved procedure (Similar as when mixed with water only). Apply adhesive to surface, to the required bed thickness, with suitable Solid-Bed Notched Trowel. Fix Ceramic Tiles or Natural Stone Slab immediately before the "Open Time" expires. Please refer related Tile Adhesive Technical Sheet for application procedure.

Note :

The "Setting Time", "Open Time" & "Adjustability Time" of Tile Adhesive modified with **webermix admix 1** will be extended slightly.

MIXING RATIO

- Approx. 6 - 7 ltrs **webermix admix 1** to 20 kg bag of Cement-Based Tile Adhesive.
- Approx. 6 - 8 ltrs **webermix admix 1** to 25 kg bag of Cement-Based Tile Adhesive (& 20 kg set quickfix)

PACKING

Available in 4 & 25 ltrs plastic containers.

SHELF LIFE / STORAGE

At least 12 months; when stored in dry conditions of normal ambient temperature. Store out of direct sunlight.

TECHNICAL SERVICES

For further details or recommendation please contact our Technical Advisory / Specification Center at 603-6038 9498 (KL) & 604-626 2830 (Penang)

PRECAUTION

Avoid inhaling dust. If material enter eyes, wash out immediately with Clean Water. May cause minor skin irritation; therefore use suitable gloves. Keep out of children reach

Conditions Of Sales

Sold subject to Company's Condition of Sale, which is available upon request.