

# webermix admix plus

Latex Admixture For Tile Adhesive And Tile Grout



webermix admix plus is a ready to use, multi-purpose, Latex Emulsion Polymer, specially designed for use with Cement Mortar, Cement-Sand Mortar, Weber's Cement-Based Tile Adhesive and Cement-Based Coloured Grouts in a variety of building applications. Manufactured to stringent Internal Quality Assurance System, conforming to BS 5750 Part 1987. Exceeds the requirements of BS 5980 1980 and ANSI A118.4 1992.

## TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	Milky White Liquid
Specific Gravity	1.00
Viscosity	50 - 100 mPa.s
pH	10
Shelf Life	12 months
Inflammability	No
Toxicity Hazard	No
Mix Proportion plus sand)	:Additive for Cement-Sand Mortar = 17.5 ltrs webermix admix per every 50 kg Cement mix (+ 150 - 200 kg wash sharp
Adhesive or 6 -	:Admixture for Adhesive = Approx. 6 - 8 ltrs per 25 kg 7 ltrs per 20 kg adhesive
grout or	:Admixture for Grout = Approx. 8 ltrs per 20 kg weberfill fine 6 ltrs per 20 kg weberfill F&W grout
Pot Life	Approx. 1 hours at 25°C
Application Temperature	Above 8°C - 50°C
Temperature Resistance	100°C
Frost Resistance	Good
Water Resistance	Very Good
Resistance to acids	Fair
Resistance to alkalis	Fair
Resistance to oil & solvents	Fair
Damp Resistance	Fair
Flexibility	Good
Bonding Strength (weberset super star + webermix admix plus)	
Shear Bond Strength (BS 5980 1980)	
14 Days Air Dry	> 20 kN
7 Days Air Dry / 7 Days Wet	15 - 16 kN
7 Days Air Dry / 7 Days at 100°C	16 - 17 kN
Tensile Adhesion Strength (EN ISO 13007 - 2 Clause 4.4)	
After 28 Days Air	1.9 - 2.1 N/mm <sup>2</sup>
After Water Immersion	1.2 - 1.3 N/mm <sup>2</sup>
After Heat Ageing	1.5 - 1.6 N/mm <sup>2</sup>
Compressive Strength (with 13 Cement Sand Mortar)	
EN ISO 13007 - 4 Clause 4.5	
After 28 Days Air	1.5 - 1.6 N/mm <sup>2</sup>
Flexural Strength (with 1 3 Cement Sand Mortar)	
EN ISO 13007 - 4 Clause 4.5	
After 28 Days Air	7 - 8 N/mm <sup>2</sup>

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## GENERAL PERFORMANCE

**webermix admix plus** 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, Cement-Sand, Adhesive & Grout mortar modified

with mix admix plus benefits in improved physical & chemical properties.

- Enhances adhesion strength of Cement, Cement-Sand, Adhesive & Grout Mortar to wide variety of substrate including dense or smooth concrete, existing tiles, building boards etc.
- Cement, Cement-Sand Mortar (for Rendering / Screeding), Adhesive & Grout modified with mix admix plus, affords greater durability, abrasion resistance, cohesive strength, flexural strength & weather resistance.
- Cement, Cement-Sand Mortar, Adhesive & Grout gauged with **webermix admix plus** offers good water resistance & reduced water permeability; therefore highly suitable for swimming pools and similar wet duty application. Appropriately used will also minimize efflorescence.
- Cement-Sand Mortar (for Rendering / Screeding) modified with **webermix admix plus** have reduced drying shrinkage and can be applied in thinner sections.
- Improves resistance to attack by mild acidic or alkaline solution.
- Cement-Sand Mortar, Adhesive & Grout gauged with **webermix admix plus** offers greater resistance to frost when fully cured.
- Cement or Cement-Sand Mortar gauged with **webermix admix plus** offers improve workability and extended working time.
- Reduces surface dusting of cement-sand mortars and penetration of dirt or salts.

## COVERAGE

- Cement-Sand Render At ratio of 1 3 0.35 Cement-Sand to **webermix admix plus** = Approx. 1 m<sup>2</sup> / ltr at bed thickness of 10 mm
- Thin-Thick Bed Mortar At ratio of 1 2 0.54 Cement-Sand to **webermix admix plus** = Approx. 0.46 m<sup>2</sup> / ltr at 6mm bed thickness (when fixing tiles)
- Tile Adhesive At 6 - 8 ltrs per 25 kg Tile Adhesive = Approx. 28.5 m<sup>2</sup> / 25 ltrs drum at 3 mm bed thickness.

Note Setting Bed and Mortar Materials Specification

## 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.

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## INSTRUCTION FOR USE

**Admixture for Tile Adhesive** - Suitable for use with Weber's range of Cement-Based Tile Adhesive for installation of Ceramic Wall & Floor Tiles, Vitrified Homogeneous Tiles, Porcelain Tiles, Mosaics, Quarry Tiles, Terracotta, Marbles, Granites, Slates, Terrazzo, Brick Veneer, Decorative Stones etc., to wall & floor, dry or wet, interior or exterior areas including swimming pools. ( See Technical Data for Mix Dosage)

**Typical Use** When fixing Ceramic Tiles or Natural Stone slabs to external areas, swimming pools, dense / smooth concrete, areas/substrates subjected to movement, impervious surfaces building boards (**webermix SBR primer** is require), wet duty areas, heavy traffic areas or when fixing water impervious tiles / stone slabs.

**Admixture for Tile Grout** - Suitable for use with Weber's range of Coloured Grout for filling joints of Ceramic Wall & Floor Tiles, Vitrified Homogeneous Tiles, Porcelain Tiles, Mosaics, Quarry Tiles, Terracotta, Marbles, Granites, Slates, Terrazzo, Brick Veneer, Decorative Stones etc. Suitable for use at wall or floor, dry or wet, interior or exterior areas including swimming pools. Improves colorfastness, flexibility & durability. (See Technical Data of mix dosage)

**Typical Use** When grouting joints of Ceramic Tiles or Natural Stone slabs to external areas, swimming pools, areas/substrates subjected to movement (ie. building boards etc.), glass mosaics, porcelain tiles or tiles with glaze edge, wet duty areas (ie. toilet, shower, kitchen etc.), heavy traffic areas, re-grouting worn joints etc.

**Primer** - For Cement-Sand Render / Screed, cast in-situ concrete, pre-fab concrete, lightweight concrete blocks or panels. To reduce water suction, surface dusting & strengthen surface.

**Admixture for Cement-Sand Mortar (Renders / Screeds)** - Cement-Sand Mortar (for rendering/screeding) can be mixed with **webermix admix plus** to replace or partially replace gauging water. Mortars fortified with **webermix admix plus** have improved physical & chemical properties (see above).

Mixing procedure is similar to that of traditional mortar, except for the partial or total replacement of gauging water with **webermix admix plus**. A standard mix of 50 kg Portland cement to 150 - 200 kg sand (1 3-4) will require approx.. 17.5 ltrs of mix admix plus (a little addition of water may be required to adjust working consistency).

Do not incorporate workability aids such as lime or **webermix admix plus** mortar plasticizer; as has a considerable plasticizing action of it's own. When applying render/screed, ensure that the background is dry, sound & free of contamination ie. dust, grease, laitance etc.

**Admixture for Cement-Sand Grout** - Gauged with cement-sand mortar for use as grouting / pointing mortar. A standard mix of 50 kg cement (+ 100 kg sand) would require approx.. 20 - 24 ltrs **webermix admix plus**.

**Admixture for Thin Bed Cement Mortar Mix (Semi-Dry Fixing)** - Mix 50 kg cement with approx.. 16 ltrs **webermix admix plus**. Apply or butter at approx.. 2 - 3 mm thick to underside of Ceramic Tiles or Natural Stone Slab; prior to fixing onto Semi-Dry Mortar Bed.

**Admixture for Thin-Thick Bed Mortar Mix** - For every mix of 50 kg cement (+ 100 kg sand) add approx.. 17.5 ltrs **webermix admix plus**. Apply or butter at recommended thickness of between 3 - 10 mm to underside of Ceramic Tiles or Natural Stone Slab; prior to fixing onto cement-sand render / screed.



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## 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.

\*Note Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only. Saint-Gobain Weber (M) Sdn Bhd reserves the rights to amend the contents of the data sheet at its sole discretion. (Aug '24)



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