

### DESCRIPTION :

**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.

### 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 **webermix 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 **webermix 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.

### Note :

As some solid matter in **webermix admix plus** may settle during storage, it is essential to stir well before use. Not to be use in temperature lower than 8°C.

### 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.

### TECHNICAL DATA

Colour	: Milky White Liquid
Specific Gravity	: 1.00
Viscosity	: 50 – 100 mPa.s
pH	: 10
Shelf Life	: 6 months
Inflammability	: No
Toxicity Hazard	: No
Mix Proportion	: Additive for Cement-Sand Mortar = 175 ltrs <b>webermix admix plus</b> per every 50 kg Cement mix (+ 150 – 200 kg wash sharp sand) : Admixture for Adhesive = Approx. 6 – 8 ltrs per 25 kg Adhesive or 6 – 7 ltrs per 20 kg adhesive : Admixture for Grout = Approx. 8 ltrs per 20 kg <b>weberfill fine grout</b> or 6 ltrs per 20 kg <b>weberfill F&amp;W grout</b>
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 ( <b>weberset super star + webermix admix plus</b> )	
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 1:3 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>



• **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 **webermix admix plus** (a little addition of water may be required to adjust working consistency).

Do not incorporate workability aids such as lime or mortar plasticizer; as **webermix admix plus** has a considerable plasticizing action of its 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.

Note : Setting Bed and Mortar Materials Specification:

- Cement shall comply to BS 12, BS 4027 or BS 5224.
- Sand for Cement Mortar shall be natural sand of medium grade complying to BS 882. The chloride content of the sand, expressed as chloride ion content should not exceed 0.1% by weight of dry sand.
- Sand for Grouting (for joint width 6 mm and above) – Sand shall comply with grading of Type B of Table 1 of BS 1199. For joints less than 6 mm wide, sand shall comply with Type-G of BS 1200.

**COVERAGE :**

Cement-Sand Render	: At ratio of 1 : 3 : 0.35 Cement-Sand to <b>webermix admix plus</b> = 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 <b>webermix admix plus</b> = 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 liters plastic containers.

**SHELF LIFE / STORAGE :**

At least 6 months; when stored in dry conditions of normal ambient temperature. Store out of direct sunlight.

**TECHNICAL SERVICES :**

For further details or recommendations 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 :

All instruction and information are provided by us for the general guidance only and are believed to be accurate and complete. Users must exercise special care and caution depending on the conditions and particular purpose of usage and are responsible to ensure that they have consulted our latest literature. To the maximum extent allowed by law, Saint-Gobain Weber (M) Sdn Bhd, its representatives, agents or distributors shall be under no liability for any loss of profits and other economic or physical losses.

**Marketing Offices :**

**SAINT-GOBAIN WEBER (M) SDN BHD (169772-A)**

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**Member Of :**

- FMM, Malaysia
- MCIG, Malaysia
- MBAM, Malaysia
- MGBC (Malaysia Green Building Confederation)
- SGBC (Singapore Green Building Council)
- SIRIM Working Group - MS 1294 & MS 1295

OHSMS CERTIFIED TO ISO 45001 (CERT NO: MY16 / 02151)  
EMS CERTIFIED TO ISO 14001 (CERT NO: MY13 / 04546)  
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**LATEX ADMIXTURE**