

DESCRIPTION :

webermix multibond is a ready to use, multi-function, synthetic Latex Admixture, suitable for a variety of building applications. Manufactured to stringent internal Quality Assurance System, conforming to ISO 9001 : 2008.

GENERAL PERFORMANCE :

webermix multibond 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 or Cement-Sand Mortar fortified with **webermix multibond** Latex Admixture affords improved Adhesion Strength, Cohesive Strength, Flexural Strength, Abrasion Resistant, Frost Resistant, Durability, Reduces Water Permeability, Reduces Drying Shrinkage, Reduces Surface Dusting, Minimizes Efflorescence, Improved Workability etc.

Its excellent water resistant & reduce water permeability properties makes it most ideal for swimming pools or similar wet-duty installations.

webermix multibond enhances adhesion strength, therefore allows cement or cement-sand mortar to adhere to a wide variety of substrates including dense or smooth concrete, waterproofing etc. It also improves resistance of cementitious mortar to certain chemicals, Cement-Sand mortars incorporated with **webermix multibond** can also be applied in much thinner sections. **webermix multibond** is highly resistance to salt permeation.

webermix multibond can also be use as admixture with concrete mix & plaster coat for various building applications.

Note :

As some solid matter in **webermix multibond** may settle during storage, it is essential to stir well before use. Not to be use in temperature lower than 4°C.

APPLICATION / USAGE :

webermix multibond is suitable for the following usage :

• Additive for Cement-Sand Renders & Screeds

Cement-Sand Mortar (for rendering / screeding) can be mixed with **webermix multibond** to replace or partially replace gauging water. Mortars fortified with **webermix multibond** have improved adhesion strength, cohesive strength, flexural strength, abrasion resistant, frost resistant, durability, reduced water permeability, reduced drying shrinkage, reduced surface dusting, minimizes efflorescence, improved workability etc.

Mixing procedure is similar to that of traditional mortar, except for the partial or total replacement of gauging water with **webermix multibond**. A standard mix of 50 kg Portland cement to 150 – 200 kg sand (1 : 3 – 4) will require approx.. 12 liters of **webermix multibond** (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 multibond** 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.

Note :

It may be necessary to dampen porous surface to control water absorption before applying rendering / screeding mortar.

• Patch Repair of Cracked Concrete

Saw cut along cracks to create a 'V' shape groove of sufficient depth. Cheal joints of contaminations. Apply a layer of bonding agent, followed by immediate patching with a 1 : 3 – 4 cement-sand mortar modified with **webermix multibond**. The addition of **webermix multibond** enables "feather edging" of patching mortar.

• Steel / Metal Protection

Mix 1 part **webermix multibond** with 1 : 5 part Portland cement by volume. Brush apply over steel bars, metal plate etc. to prevent rusting.

• Other Usage

- Additive for bricklaying & pointing mortar
- Additive for tile bedding / grouting mortar (buttering only).

TECHNICAL DATA

Colour	: Milky White Liquid
Specific Gravity	: 1.01
Viscosity	: Approx. 15 cps
pH	: 9 - 10
Shelf Life	: 6 months
Inflammability	: No
Toxicity Hazard	: No
Mix Proportion	: Additive for Cement-Sand Mortar = For every 50 kg cement mix (+ 150 – 200 kg] moist sand) add 12 liters webermix multibond by volume @ Ratio 1 : 3 : 0.5 : Tile Bedding & Grouting Mortar = For every 50 kg cement mix (+ 100 kg wash sharp silica sand) add 25 liters webermix multibond by volume @ Ratio 1 : 2 : 0.8
Pot Life	: Approx. 1 hours at 25°C
Application Temperature	: Above 4°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
Compressive Strength (with 1:3 Cement : Sand Mortar)	
EN ISO 13007 – 4 Clause 4.5	
After 28 Days Air	: ≥ 32 N/mm ²
Flexural Strength (with 1 : 3 Cement : Sand Mortar)	
EN ISO 13007 – 4 Clause 4.5	
After 28 Days Air	: ≥ 10 N/mm ²



COVERAGE :**Additive for Cement-Sand Mortar (Render / Screed)**

At 12 ltrs to 50 kg Portland cement : 150 – 200 kg washed sharp sand mix – approx.. 0.8 m² per ltr at 12 mm thick layer.

Tile bedding / grouting mortar

At 1 : 2 cement – wash silica sand mix, 1 liter **webermix multibond** will cover approx.. 0.7 m² at 3 mm bed, excluding grouting (depends on tile joint width and size of tiles.

SHELF LIFE / STORAGE :

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

PACKING :

Available in 4 & 25 liters plastic containers

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.

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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)
QMS CERTIFIED TO ISO 9001 (CERT NO: CI / 3693)

LATEX ADMIXTURE