

Weber Tylon® Mosaic Fix

Adhesive and grout for
all types of Mosaic

C2



DESCRIPTION

Weber Tylon® Mosaic Fix is an adhesive and grout for fixing mosaic tiles, in interior and exterior spaces on walls and floors. It is ideal for all types of tiles including marble and glass, even in swimming pools and showers.

USES

Weber Tylon® Mosaic Fix is used for fixing and grouting of glass, porcelain, marble, ceramic mosaics.



Waterproof



Easy to mix



For all mosaic tiles

- Suitable for fixing of mosaics in swimming pools
- Suitable for interior and exterior use
- Suitable for shower cubicles

FEATURES & BENEFITS

- 24-hour set
- Interior and exterior application
- Suitable for use in swimming pools and shower cubicles
- Suitable for wall and floor use
- Adhesive designed to absorb lateral movement

SUITABLE SURFACES

Weber Tylon® Mosaic Fix is suitable to use on surfaces like:

- Cement based plaster
- Screeds and concrete
- Primed fibre cement surface
- Primed gypsum walls
- Primed timber surface
- Primed ceramic tiles
- Guniting or hand packed cement surfaces as found in the swimming pools

TECHNICAL DATA

Classification	C2
Initial setting time	approximately 12 hours
Final setting time	approximately 24 hours
Correction time	approximately 20 minutes
Open time	approximately 20 minutes
Pot life	approximately 8 hour
Grouting time	approximately 24 hour
Water demand	approximately 6.5 litres per 20 kg
Temperature resistance	70 °C
Application temperatures Note: all the data given was obtained at a temperature of 23 °C and 50% relative humidity. Mosaic Fix is designed to meet the following SANS 52004 related performance values.	Do not apply in temperatures below 5 °C or above 30 °C
Initial tensile strength	≥ 1.0 N/mm ²
Tensile adhesion strength after heat aging	≥ 1.0 N/mm ²
Tensile adhesion strength after water immersion	≥ 1.0 N/mm ²
Open time: tensile adhesion strength (after no less than 20 min)	≥ 0.5 N/mm ²

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SURFACE PREPARATION

It is recommended that the substrate is clean, dry, and sound. The walls or floors to be tiled must be wood-floated and not steel-troweled or power-floated. Ensure that all surfaces are clean, dry, sound and free from dust, grease or any contamination that could impair bonding. Make good any unsound areas and remove flaky or peeling layers before tiling. Organic growth must be removed and the spores killed using household bleach. PVA paint and gypsum plaster must be chipped to expose 80% of the substrate. Enamel paint and bitumen should be scraped and chipped to expose 80% of the substrate. Do not use a solvent or heat to remove bitumen from the surface.

Existing tiles must be thoroughly cleaned using a suitable cleaner. Rinse well with cold water. Smooth-, off-form-, shutter- or power floated cement surfaces should be acid washed to remove laitance. Rinse well with cold water.

Once the surface preparation has been completed on the above problem surfaces, the area must be primed using a mix of 2 volumes of weber Plaskey and 1 volume of Key-it .

Apply to a thickness of approximately 2 mm using a block brush. Leave to dry for 24 hours.

MIXING

- Combine a 20 kg bag of **Weber Tylon® Mosaic Fix** with 6.5 litres of clean water and mix to a creamy paste
- In wet or permanently wet conditions, replace the water in the mix with **Weber Tylon® Bond-It**
- Allow the mixture to mature for 5 minutes and re-mix thoroughly. Do not add more water
- When laying glass, marble, ceramic or porcelain mosaic tiles, replace the water normally used in the mix with **Weber Tylon® Bond-It**
- Do not add too much water or attempt to extend the working time by adding more water as this will cause the adhesive to be weak with a tendency to crumble
- Do not mix more adhesive than can be applied within 8 hours

APPLICATION

Spread adhesive using a 10 mm notched trowel when using **Weber Tylon® Mosaic Fix** as an **adhesive** and **grout**. Do not spread more adhesive than can be laid in 30 minutes. Use a 6 mm notched trowel when using **Weber Tylon® Mosaic Fix** as a mosaic adhesive only. All expansion- and movement joints are to extend through the adhesive bed and tiling. Bed the mosaics firmly into the wet adhesive. Paper covering mosaic can be removed 1 hour after application. Occasionally lift a sheet to check that full contact is being made between the tiles and the adhesive. Clean excess adhesive off the surface once mosaics are firmly set using a damp sponge. Once the adhesive has hardened, only mechanical removal is possible. The joints must be allowed to dry for 24 hours before polishing with a clean, dry cloth.

GROUTING

If **Weber Tylon® Mosaic Fix** is not used as a grout, please ensure that the joints are free from tile adhesive and any other foreign matter. Allow 24 hours before grouting with **Weber Tylon® Tile Grout**. Allow 48 hours for sealed or non-porous surfaces.

In wet or permanently wet conditions, replace the water in the mix with **Weber Tylon® Bond-It**.

GENERAL

- Tiles should be installed providing for adequate movement joints. Movement and expansion joints to be provided for approximately 3 metre centres externally or at 4 metre centres internally, in both directions or as per the engineer's specifications
- All expansion and movement joints in the substrate must extend through the adhesive bed and tiles
- Tiles must have full contact with the adhesive - leave no voids

PACKAGING

Weber Tylon® Mosaic Fix is supplied in 5 and 20 kg bags.

STORAGE AND SHELF LIFE

When stored, unopened in a dry place at temperatures above 5 °C, shelf life is 12 months from date of manufacture.

SAFETY INSTRUCTIONS

Contains cement, which is alkaline when wet and can cause skin irritation. Use eye protection and gloves and avoid prolonged skin contact. Avoid inhalation of dust. Wash skin contamination away with warm soapy water. Remove splashes to the eyes by prolonged irrigation and consult a doctor. Do not ingest.

GUARANTEE

We agree that **Weber** products meet the product specifications and will be free from any defect. Any guarantee with regard to the performance of **Weber** products will be subject to its professional and practical application of **Weber** products in accordance with our instructions and specifications. However, we have no influence over specific site conditions and therefore, if in doubt, the user should first carry out sufficient tests to ensure that the product is suitable. In special cases, obtain advice. Should our product prove defective, we undertake to replace any defective material. This guarantee will fall away in the event of **Weber** products being contaminated by the addition of sand, cement or substance other than recommended by us.

TECHNICAL SERVICES

Weber has a team of experienced advisors available to provide technical support. Technical helpline: 08600 WEBER (93237) or visit **www.za.weber**.