

Weber Tylon® 18 hour

18 hr set adhesive for all types of tiles

C1



DESCRIPTION

Weber Tylon® 18 hour is a highly deformable, high strength, rapid-set cement-based tile adhesive for wall and floor applications. Produced from carefully selected raw materials for consistency of product, it only requires the addition of water on site.

USES

Weber Tylon® 18 hour is suitable for fixing porcelain, ceramic, clay, cement, natural stone tiles to cement plaster, screeds, concrete and other pre-primed surfaces.



Maximal flexibility



Rapid set



Extra large tiles

- Suitable for interior and exterior use
- Suitable for use on walls and floors
- Do not use this product on white or light colored marble or porous porcelain tiles as it might cause discoloration at the tiles. Weber Set White is recommended for this purpose.

FEATURES & BENEFITS

- 18-hour set
- Interior and exterior application
- Can be applied up to 20 mm thick
- Anti-slip properties
- Suitable for wall and floor use

SUITABLE SURFACES

Weber Tylon® 18 hour is suitable to use on surfaces like:

- Cement-based plaster
- Cement screeds
- Concrete surfaces primed

TECHNICAL DATA

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Classification	C1
Initial setting time	approximately 6 hours
Final setting time	approximately 18 hours
Correction time	approximately 20 minutes
Open time	approximately 20 minutes
Pot life	approximately 4 hour
Grouting time	approximately 18 hour
Water demand	approximately 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. 18 hour 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	> 0.5 N/mm ²
Tensile adhesion strength after heat aging	> 0.5 N/mm ²
Tensile adhesion strength after water immersion	> 0.5 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 Tylon® Plaskey** and 1 volume of **Weber Tylon® 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® 18 hour** with 5 litres of clean water and stir until completely free of lumps
- Allow the mixture to mature for 5 minutes and re-mix thoroughly. The consistency can be adjusted by adding a small amount of water
- 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 4 hours

APPLICATION

Spread adhesive using a notched trowel to a minimum bedded thickness of 3 mm on walls and 6 mm on floors. Heavily lugged, grooved or dove-tailed tiles must be back-buttered to fill any voids with adhesive before placing into wet adhesive. Press tiles firmly into wet adhesive with a twisting action. Use a rubber mallet to bed large or heavy tiles. Occasionally lift a tile to check that full contact is being made between the tile and the adhesive. Do not butt joint tiles. Clean excess adhesive off the surface once tiles are firmly set using a damp sponge. Once the adhesive has hardened, only mechanical removal is possible. Minimum grouting joints for walls is 2 mm and 3 mm for floors. Adhesive must be allowed to dry for 6 hours before grouting commences.

GROUTING

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**.

COVERAGE

Depending on the nature and evenness of the surface and method of application, approximately 6 m² per 20 kg bag when applied using a 6 mm notched trowel (wall tiling) and 4 m² per 20 kg bag when applied when using a 10 mm notched trowel (floor tiling) i.e. based on a level/even floor.

PACKAGING

Weber Tylon® 18 hour is supplied in 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.