

WB11 Ceramic

general purpose ceramic tile adhesive

Weber Tylon WB11 Ceramic is a grey general-purpose cement-based adhesive for fixing light weight or soft baked ceramic wall and floor tiles in interior and external installations. This adhesive has an 8-hour pot life and designed for easy application.

Performance

BETTER QUALITY BETTER
ECONOMIC VALUE



Easy to apply



Environmentally
Friendly



Certified





USES

Suitable for fixing lightweight or soft baked glazed ceramic wall & floor tiles to cement plaster, screeds, and concrete surfaces.

- Interior & Exterior use
- Suitable for wall and floors
- 8 hr pot life

SUITABLE SURFACES

WB11 Ceamic is suitable for use on surfaces like:

- Cement-based plaster
- Cement screeds
- Concrete surfaces

SURFACE PREPARATION

The following minimum curing periods should be observed before tiling commences:

- New concrete floors: 28 days
- New screeds: 28 days
- New brick walls: 28 days
- New cement plaster: 28 days
- The surface must be clean and dry and free of all traces of dust, debris, loose particles, and surface contaminants which could impair adhesion.
- Any cement screed or plaster must be firmly bonded to the underlying concrete or brickwork, and the substrate must be of significant strength (no crumbling, cracking, etc..) and of a quality and consistency suitable for tiling.
- The walls or floors to be tiled must be wood-floated and not steel-trowelled or power-floated.
- 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 with 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 mix of 2 volumes of **weber.prim Plaskey WB250** and 1 volume of **weber.ad Key It WB117** and apply to a thickness of approximately 2mm using a block-brush. Leave to dry for 24 hours.

MIXING

- Mix adhesive with clean water at a ratio of approximately 20 kg adhesive to 5 lt clean water and stir until completely free of lumps.
- Mix well to a creamy consistency for 2 minutes, allow mixture to stand for 5 minutes and remix thoroughly before use.
- 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.
- In wet or permanently wet conditions and exterior areas i.e., showers and areas exposed to large changes in temperature (bathrooms, kitchen areas), replace the water in the mix with **weber.ad Bond-it WB183**.
- Use within +/- 8 hours (Pot life).

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APPLICATION

- Ensure that the tiles are dry, and the backs are free of dust and contaminants.
- Apply the mix to the surface using a notched wall trowel for lightweight wall tiles, or a notched Floor Trowel for floor tiles in one direction.
- Can be applied in bed thicknesses between 3 - 6 mm and up to 10 mm in isolated areas only (non-continuous).
- Apply only as much adhesive as can be tiled in 15 - 20 minutes (Open time).
- Heavily lugged, grooved or dove-tailed tiles must be 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 tile and the adhesive. Do not butt joint tiles. Once tiles are firmly set, clean excess adhesive off the surface using a damp sponge. Once the adhesive has hardened, only mechanical removal is possible. Minimum grouting joints for walls is 2mm and 3mm for floors.
- Allow a minimum of 24 hours before light trafficking or grouting.

GROUTING

- Allow at least 24 hours after completing the tiling before grouting with **weber all purpose grout WB33**.
- Allow 48 hours for sealed or non-porous surfaces.
- Ensure that tile joints are free from tile adhesive and any other foreign matter.
- Use **weber all purpose grout WB33** according to instructions on the packaging.
- In wet or permanently wet conditions, replace the water in the mix with **weber.ad Bond-It WB183**.

Movement and expansion joints (consult tile supplier or professional team for accurate confirmation).

Allow for tile movement joints in both directions:

- Internal floors @ 4 m centres.
- External /suspended floors @ 3 m centres.
- And as per engineer's specifications.
- Movement joints should also be located along perimeter of all floors.
- 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.

COVERAGE

- Wall tiling - 6 m² per 20 kg bag when applied using a 6 mm notched trowel.
- Floor tiling - 4 m² per 20 kg bag when applied using a 10 mm notched trowel.

PACKAGING

WB24 Porcelain 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.

TECHNICAL SERVICES

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

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.

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TECHNICAL DATA

Initial setting time	approximately 12 hours
Final setting time Correction time	approximately 24 hours
Open time	approximately 20 minutes
Pot life	approximately 20 minutes
Grouting time	approximately 8 hours
Water demand	approximately 24 hours
Temperature resistance	approximately 5 litres per 20 kg
Application temperatures	70 °C
	Do not apply in temperatures below 5 °C or above 30 °C

Note: all the data given was obtained at a temperature of 23°C and 50% relative humidity. **WB16 is designed to meet the following SANS 52004 related performance values.**

Reaction to fire	Class A1/A1
Initial tensile strength	> 0.5 N/mm ²
Tensile adhesion strength after heat ageing	> 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