Innovative high performance tile adhesive with water-prevention property for fixing all types of tiles in bathrooms and kitchens

weber.tai 2-in-1



- 2-in-1 property for tiling and preventing water
- Excellent bonding
- Good for laying large size tiles, granito tiles, granites, and marbles
- Laying tiles on internal existing tiles
- Low VOCs

PRODUCT DESCRIPTION

weber.tai 2-in-1 is an innovative tile adhesive with water prevention property to mix with water using to lay tiles in bathrooms, kitchens, and any areas in contact with water

SUITABLE FOR: ceramic tiles, granito tiles, marbles, granites, artificial tiles size up to 1 x 1 m.

PACKAGING: 5 kg bag and 20 kg bag

COLOR: grey

COVERAGE: average 1 m^2/5 kg bag
average 4 m^2/20 kg bag

APPLICATION

Substrate preparation

- New substrate should be sound, level, and clean with normal absorption rate
- Case of existing substrate; check bonding. Remove peel-off paint and de-bonded tiles and lay the new ones. Clean off any excess dirt and laitance.
- In case of porous substrate with high absorption, dampen the surface before tiling
- For new render or screed, it should be fully cured at the rate of 7 days per 1 cm thickness before tiling

Mixing

Mixing **weber.tai 2-in-1** in water with the ratio of 1:3 by volume (1 part of water + 3 parts of **weber.tai 2-in-1**). Using slow-speed electric mixer to mix or gradually mix by hand until obtaining homogeneous lump-free paste. Leave for 3 – 4 minutes for chemical curing before using.

Tiling

1. Using notched trowel to spread tile adhesive onto substrate
2. Back buttering in case of laying tile bigger than 10 x 10 inches
3. Placing tiles on tile adhesive and knock gradually with rubber hammer
4. Clean the excess tile adhesive on tile surface
5. Tiles can be adjusted within 15 minutes after laying
6. Leave for 24 hours before grouting

SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

TECHNICAL DATA

Type	High performance tile adhesive
Density of powder	1.35 g/cm^3
Chemical curing time	3 – 4 minutes
Pot life (in shade)	4 hours
Open time	20-30 minutes
Adjusting time	15 minutes
Recommended thickness	2 – 10 mm
Waiting time before grouting	24 hours

Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions

CERTIFIED STANDARD

International/European standard	Standard	Result
Initial tensile adhesion strength ISO 13007 part 2-4.4.4.2 or EN 1348-8.2	≥1.0 N/mm^2	1.70 N/mm^2
Tensile adhesion strength after water immersion ISO 13007 part 2-4.4.4.3 or EN 1348-8.3	≥1.0 N/mm^2	1.10 N/mm^2
American Standard	**Standard**	**Result**
Shear strength to glazed wall tiles at 28 days according to ANSI 118.4 – 1999: F – 5.1.5	≥20.9 kg/cm^2	22.1 kg/cm^2
Shear strength to impervious ceramic mosaic tiles at 28 days according to ANSI 118.4 – 1999: F – 5.2.4	≥14.0 kg/cm^2	35.8 kg/cm^2
Shear strength to quarry tiles at 28 days according to ANSI 118.4 – 1999: F – 5.3.3	≥10.5 kg/cm^2	17.5 kg/cm^2