

weber.tai cem



Cementitious adhesive for fixing porous tiles onto cement-based floors and walls. Increase the period of open time.

Product Benefits

- Suitable for absorbent ceramic tiles and low-absorbent granito tiles, granites and marbles.
- Good bonding.
- Shorten the working time.
- Easy to use and more convenient.

[Consumption Calculator](#)

[Find a Distributor](#)

KEY BENEFITS

- Longer pot life allows mixture standing longer for use (keep away from heat and sunlight).
- Waiting time before traffic is after 24 hours.
- Tile can be adjusted after laying within 15 minutes.

PERFORMANCE

- Temperature resistance: -10°C to +60°C
- Maximum tile weight for vertical application: 15 kg/m²
- Bonding strength at dry stage: approximately 0.5 MPa (N/mm²)
- Tensile adhesion strength after water immersion: approximately 0.5 MPa (N/mm²)
- **Note: These test results are from the laboratory test. They could be slightly different from the on-site results because of the differences in applications and conditions.**

LIMIT OF USE

- Not suitable to use with low-absorbent or non-absorbent tiles (instead use [weber.tai gres](#), [weber.tai 2-in-1](#), or [weber.tai maxx](#)).
- Not suitable to use on exterior wall when tiling higher than 6 m (instead use [weber.tai flex](#)).
- Not suitable to use on existing tiles, and painted surfaces (instead use [weber.tai gres](#), [weber.tai 2-in-1](#), or [weber.tai maxx](#)).
- Not suitable to use on glazing substrates, wooden surfaces (instead use [weber.prim 2](#) primer and [weber.tai flex](#)).
- Not suitable to use on gypsum plaster and gypsum board (instead use [weber.tai gres](#), [weber.tai flex](#), or [weber.fix plus](#)).
- Not suitable to use with metal and plastic substrates (instead use [weber.color poxy](#)).

SURFACE PREPARATION

- The substrate should be flat, hard, level, clean, and dry with normal absorption.
- Clean the surfaces until free from dust, grease, or any stains.

Associated Weber products

[weber.color classic](#)

General tile grout for office building, living room, and bedroom

Help & advice

Jobsite solution

TILE DIFFERENTIATION
ACCORDING TO THE
WATER ABSORPTION
TILING WITH TILE
ADHESIVE



- If the surface is very absorbent, it is necessary to damp it before tiling.
- In case of new screed or render, it should be fully cured for 7 days (per 1 cm thickness of concrete) before tiling.



TILES PREPARATION



- Tiles should not be immersed in water because it will decrease bonding strength of the adhesive.
- Ensure that tiles are clean, dry, free from grease, dust, or any stains.

MIXING



- Put 6.25 liters of clean water in a bucket (the water should be at room temperature, not warm or hot).
- Gradually add **weber.tai cem** and fill water in a bucket by the following ratio (water: **weber.tai cem**)
 - 1:4 by weight
 - 1:3 by volume, in water and mix at the same time by using slow speed (500 rpm) electric mixer or mix properly with a trowel until homogeneous lump-free paste is obtained.
- **After proper mix, leave the product for 3 - 4 minutes before using in order to have the complete chemical reaction.**
- The mixture of **weber.tai cem** should be used within 4 hours and kept away from heat & sunlight.

APPLICATION



- Apply some adhesive on the substrate, then use a notched trowel to equally spread the adhesive on the area of 0.5 - 1 m².
- The depth of the notched trowel is to control the constancy and quantity of adhesive.
 - **For floor:** spread the adhesive on the substrate with the notched trowel.
 - **For wall:** better spread the adhesive horizontally with the notched trowel on the substrate.
- **Using notched trowel will ensure a better transfer of adhesive onto both tiles back and substrates than using brick-laying trowel.**



- Lay tiles on the adhesive and press firmly or knock gradually with rubber hammer in order to spread the notch of adhesive equally and ensure a good contact.
 - **Leave clearance joints, at least 2 mm, for grouting.**



- Carefully clean off any excess adhesive from the tiles and joints with a damp sponge while the adhesive is still wet.
- Any adjustments can be done within 5 minutes before **weber.tai cem** sets. Wait for 24 hours before grouting to let the adhesive dry completely.
 - **Weber grouting products are available in many ranges of color and application, so you can chose it depending on the demand and working conditions.**



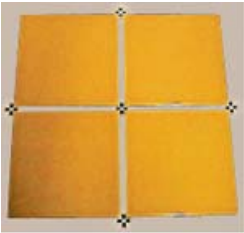
APPLICATION PROPERTY

- Pot life: 4 hours
- Open time: 20 minutes
- Adjustment time: 10 minutes
- Waiting time before grouting: at least 24 hours
- Waiting time before traffic: 24 to 48 hours
- Recommended thickness: 2 to 10 mm

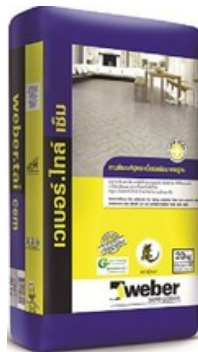
RECOMMENDATION FOR USE



- Avoid applying the adhesive in lumps (as shown in the picture 1) at the tile back. This will create voids underneath the tiles, which could lead to the tile fragility and water permeation.
- Avoid using the adhesive on red-hot substrates or the substrates exposing to direct sunlight.
- You should use spacer to control the joint width and maintain straight joints.
- To avoid water leakage into underneath tiles and to avoid tile movement when there is foot traffic, the joint width is recommended to be at least 1.5 mm for wall and at least 3 to 20 mm for floor.

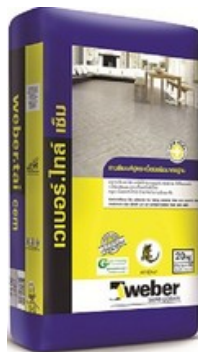


Packaging



- 20kg/bag...
- 3 to 7 kg/ m2 depending on the size and weight of tiles
- Approximately 20 kg bag/ 4 m2

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Hạn sử dụng và bảo quản

- Trong vòng 1 năm kể từ ngày sản xuất trong điều kiện còn nguyên bao bì và lưu trữ ở khu vực khô ráo và thoáng mát.

COLOR

- Grey

Portable Document Format (PDF)

Portable Document Format (PDF) weber.tai cem

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Other products in the range



weber.tai vis

Cementitious adhesive for fixing porous tile, ceramic tile onto cement-based floor and wall.

