

weber.tai gres



High-performance tile adhesive with excellent bonding

KEY BENEFITS

- Excellent bonding strength
- Can be used on cement-based substrates or tiled in swimming pools onto interior existing tiles
- Tiles can be adjusted for long period due to longer open time
- Longer pot life allows mixture standing longer for use (keep away from heat and sunlight)
- Tiles are adjustable within 15 minutes
- Waiting time before traffic is after 24 hours

PERFORMANCE

- Temperature resistance: -30°C to +70°C
- Maximum tile weight for vertical application: 40 kg/m²
- Bonding strength at dry stage: > 1 MPa (N/mm²)
- Bonding strength in water immersion: > 1 MPa (N/mm²)
- Bonding strength after heat aging: > 1 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 on exterior walls when;
 - size of tiles bigger than 900 cm² when tiling higher than 28 m. (instead use [weber.tai flex](#)).
 - size of tiles between 900 to 1,600 cm² when tiling higher than 8 m (instead use [weber.tai flex](#)).
- Not suitable to use on glazing substrates, woods and painted surfaces (instead apply [weber.prim 2](#) primer before using [weber.tai flex](#)).
- Not suitable to use on light-weight concrete without cement render (instead use [weber.tai maxx](#)).
- Not suitable to use on gypsum plaster board (instead use [weber.tai flex](#) or [weber.fix plus](#)(for humid area) or [weber.fix pro](#)(for general use)).
- Not suitable to use with metal and plastic substrates (instead use [weber.color poxy](#)).

Product Benefits

- For large-size tile or stone such as granito, granite, marble
- Suitable for swimming pool
- On interior existing tile

[Consumption Calculator](#)

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Associated Weber products

[weber.color slim](#)

Extra narrow tile grout for joint width between 0.2-3 mm with anti-fungus property

[weber.color HR](#)

Tile grout ideally for swimming pool, spa, steam room, and sauna

[weber.color poxy](#)

High-performance epoxy tile grout suitable for industry, cold storage, hospital, and swimming pool

Help & advice

Jobsite solution

TILING OF LARGE-SIZE
TILES BEING LAID EDGE
TO EDGE FOR BEING
VISIBLE AS EDGE-JOINT
FREE

SURFACE PREPARATION



- **For new substrate:** it should be flat, hard, level, dry, and clean with normal absorption.
- **For old substrate:** scrape off any peel-off coatings or remove any de-bonding tiles and do the re-tiling. Clean the surface until free from grease, dust, or any stains.
- **If the surface is very porous with high absorption,** it should be wet until reaching its saturated point before tiling. In case of new screed or render, the substrate should be fully cured for 7 days per 1 cm thickness of concrete before tiling.
- **For old substrates or existing tiles,** it is recommended to clean with hydrochloric acid (cleaning chemical for bathroom) in order to remove the tile on old tile substrate.
- **In case of flexible or bendable substrates;** gypsum board, gypsum-fiber board for instance; it is recommended to frame and brace them with screw for every area of 900 cm² (30 x 30 cm.).

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 other stains.

MIXING



- Put 5 liters of clean water in a bucket (the water should be at room temperature, not warm or hot).
- Gradually add **weber.tai gres** (20 kg) into this bucket following the ratio water:weber.taigres :
 - 1:4 by weight
 - or 1:3 by volume, in the 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 gres** should be used within 4 hours and kept away from heat & sunlight.

APPLICATION



- Apply some adhesive on the substrate, and then use a notched trowel to equally spread the adhesive on the area of 1 - 2 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.**
- In case of tile size exceeding 25 x 25 cm (10" x 10"), it is recommended to have adhesive buttered onto the tile back in order to ensure the overall covering of the adhesive onto substrate and **also to prevent voids underneath the tiles, which could make tiles being fragile and allow water permeation.**
- 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 15 minutes before **weber.tai gres** 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 depending on the demand and working conditions.**

TILE DIFFERENTIATION
ACCORDING TO THE
WATER ABSORPTION
TILING ONTO EXISTING
TILE
TILING WITH TILE
ADHESIVE
GROUTING WHEN BEING
USED WITH VERY
NARROW JOINTS
GROUTING IN SWIMMING
POOL, SPA AND SAUNA
TILING IN SWIMMING
POOL, SPA, SAUNA

Project references

Cha-am Long Beach
Condominium
Head Land Swimming-
pool Koh Samui Suratthani
Samujana Villa
Mandalay Beach
Swimming-pool Koh
Samui Suratthani
AQUA Villa
Riviere Swimming-pool
Koh Samui Suratthani
Dusit Laguna -Swimming
Pool
LIBERTY CENTRAL
RIVERSIDE HOTEL
LIBERTY CENTRAL
RIVERSIDE HOTEL
Magnolias Housing
Costa Nha Trang
Costa Nha Trang



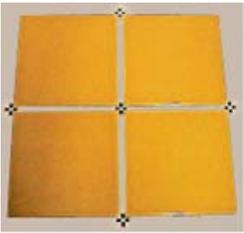
APPLICATION PROPERTY

- Pot life: 4 hours
- Open time: 20 minutes
- Adjustment time: 15 minutes
- Time before grouting: at least 24 hours
- Time before traffic: at least 24 to 48 hours
- Recommended thickness: 2 to 10 mm

RECOMMENDATION FOR USE



- In case of large-size tiles, avoid tiling traditionally (using traditional mortar for leveling and tiling at the same time) as shown in the picture 1. It is important to do leveling before tiling because it can prevent tile from de-bonding after opened for traffic and prevent the shrinkage of cement.
- Avoid using the adhesive on red-hot substrates or the substrates exposing to direct sunlight.
- To maintain straight joints and control the joint width, spacers should be used (as shown in the picture 2).
- To protect water leakage into underneath tiles and to avoid tile movement when there is foot traffic, the joint width should be at least 1.5 mm for wall and at least 3 to 20 mm for floor.



PACKAGING



- 20 kg/bag (Approximately 20 kg /4m²)

SHELF LIFE & 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)

COLOR

- Grey and White

Portable Document Format (PDF)

Portable Document Format (PDF) weber.tai gres

Security datasheet

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Certificate datasheet

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Switch to...

Other products in the range



weber.tai vis

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

