

Technical data sheet



Uses

- for tile laying in swimming pools
- for walls and floor
- suitable for heated screeds

Advantages

- C2 TE / S1 according to EN 12004
- comply with KSW recommendations (Germany)
- EMICODE EC 1: low emission of volatile substances



Flexible thin- and medium bed tile adhesive with trass content, for all common floor and wall ceramic tiles

Fields of application

As flexible tile adhesive with trass content **weber.xerm 852** is suitable for laying floor and wall ceramic tiles, mosaic, fine stoneware and factory-treated natural stone slabs as well as natural stones that are not vulnerable to discolouration..

The high trass content of **weber.xerm 852** reduces the risk of efflorescence in case of moisture load when using on interior and exterior surfaces and when laying natural stones.

It is suitable for wet-duty rooms, cool rooms and for swimming pools.

Suitable substrates: cement or cement-lime renders, heated or non-heated cement and calcium sulphate screeds, asphalt (interior), concrete, gypsum paper-faced boards, gypsum fibreboards, gypsum plasters, hard-foam boards and tilebacker boards **weber.sys 834**

weber.xerm 852 is characterized by particularly non-sag performance and creamy consistency. Its extended open time allows quick and rational tiling works with high demands for bonding performance.

For use indoors and outdoors

Description

weber.xerm 852 is a factory-mixed, flexible thin-bed and medium-bed tile adhesive in accordance with EN 12004. Classified C2 TE / S1

Composition

Trass cement, selected aggregates, additives

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Saint-Gobain Weber GmbH

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Register court: AG Düsseldorf HRB 65250 • VAT-No.: DE 122 39 2875

Supervisory Board: Benoît d'Iribarne • Management Board: Florent Pouzet

Main features

- contains trass
- excellent non-sag characteristics
- suitable for heated screeds
- for walls and floors
- for indoors and outdoors

Quality control

weber.xerm 852 is subject to a regular internal quality control.

Technical data

Pot life	approx. 3 hours
Open time	approx. 30 minutes
Application temperature	+ 5 °C to + 30 °C
Layer thickness	up to 10 mm
Open to pedestrian traffic	approx. 24 hours
Open for grouting	approx. 24 hours
Open to full service	approx. 7 days

General notices

- Limits of use: for bonding tile on tile in outdoor areas, in areas that are permanently wet or permanently under water (without waterproofing), we recommend the 2-component highly-flexible epoxy resin adhesive **weber.xerm 847**.
- All characteristics are based on a temperature of + 23 °C, without draught and a relative humidity rate of 50 %.
- Do not use material that has already stiffened.
- Higher temperatures and lower humidity accelerate, lower temperatures and higher humidity delay the course of the reaction.
- In case of natural or artificial stones, respect the application guideline of the supplier. If in doubt, carry out a trial test.
- Suitable measures must be taken prior to application on metal or wooden substrates.
- For installation comply with the national standards and/or guidelines. If not issued and if requested, refer to the instructions specified in DIN 18157, and the current ZDB leaflets (Germany).
- The maximum residual substrate moisture at the time of installation should not be exceeded, i.e. 2.0% in case of cement screeds and 0.5% in case of calcium-sulphate screeds.
- Do not install tiles, slabs, or natural stones that have been stored damp, wet, or too cold.

Specific notices

- When levelling substrates with low compressive strength and bulk density (e.g. gypsum plasters, lightweight plasters, cellular concrete, etc.) or when levelling calcium sulphate screeds, the maximum adhesive bed thickness of 3 mm.
- Do not use in conjunction with non-ferrous metals, such as zinc, lead, copper, or aluminium. Installed components, e.g. rails and edge protector angles must be made of stainless steel.
- The tile adhesive can be applied on all mineral solid-bonded **Weber** waterproofing systems **weber.tec 822, 824** and **weber.tec Superflex D 2** and **weber.tec 827 / 827 S**.

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Preparation of substrates

- The substrate must be sufficiently sound, load-bearing, clean, dry, dimensionally stable and free of any other adhesion-impairing particles.
- Concrete must be free of cement laitance.
- Oils, fats, residues of waxes and cleaning agents must be removed completely.
- Chalky paints as well as solid lacquer and dispersion paints must be removed mechanically.
- Old or fouled asphalt substrates must be mechanically roughened. Clean and sufficiently sanded asphalt screeds can be coated over without a primer coat; otherwise asphalt screeds must be pre-treated with **weber.prim 803**.
- The surface of calcium sulphate flow screeds must be sanded, cleaned with an industrial vacuum, and then primed with **weber.prim 801**.
- Absorbent substrates must be pre-treated with **weber.prim 801** and non-absorbent, smooth substrates (indoors) must be pre-treated with **weber.prim 803**.
- The substrate preparation must be adapted to the specific conditions for each construction site.

Working instructions

- Pour the specified amount of gauging water into a suitable container. Then add powder and stir until lump-free with the stirrer **weber.sys Rührpaddel no. 2** or **no. 8**.
- If required the mortar can be stirred up with the trowel or the stirrer without adding more water.
- Apply a contact coat on the substrate with the smoothing trowel, then comb down a uniform adhesive bed with the notched trowel at an angle of 45° - 60°.
- Before a skin forms (check the tackiness with the finger) slide the tiles into the fresh mortar bed and press them on. The joints must be scratched out before the tile adhesive hardens.
- Mortar residues should be removed in fresh condition using a wet sponge. Clean equipment with water immediately after use.

Consumption

4 mm notch	approx. 1.5 kg/m ²
6 mm notch	approx. 2.1 kg/m ²
8 mm notch	approx. 2.6 kg/m ²
10 mm notch	approx. 3.2 kg/m ²
Medium-bed notch	approx. 4.5 kg/m ²

Practical information

Color	grey
Tools	flat trowel, notched trowel, medium trowel
Water ratio	approx. 8 liters per 25 kg bag
Storage	the product can be stored at least 12 months, if kept dry, cool, and in its original sealed packaging.

Packaging	Sales unit	Number per wrapped euro-pallet
Paper bag	25 kg	42 bags

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Legal notes

The correct and hence successful application of our products is not within our control. A guarantee can therefore only be accepted for the quality of our products within the framework of our sale and supply conditions but not for their successful use.

Observe the safety precautions for protection of health and prevention of accidents given in the safety data sheet and on the label of the packaging.

This data sheet supersedes all earlier technical data on this product. Information supplied by our employees and/or distributors going beyond the scope of this data sheet must be confirmed in writing.

We reserve the right to make changes representing technical progress.

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