



weberfix SpotOn



Fast setting epoxy adhesive with excellent bonding strength for spot bonding on vertical installation and thin bed installation of floor tile/stones



Product description

Weberfix SpotOn is a two component epoxy adhesive product with very high bond strength and quick setting properties which support spot bonding method for tile installation. Weberfix SpotOn is ideal for fixing wide range of tiles and stones on vertical surfaces of interior & approved** exterior surfaces. Non sag consistency formulation and negligible shrinkage along with fast setting properties make vertical installation quick and hassle free. Weberfix SpotOn is also suitable for thin bed application for floor tile installation.

Features and benefits

- Suitable for internal & approved external surfaces.
- High speed of installation.
- Ease of application.
- High durability.
- Non sag and negligible shrinkage.
- Chemical and vibration resistant.
- High bond strength.
- Ideal for spot bonding on vertical application.
- Low VOC.

Compliance and standards

For full thin bed installation, meets requirement as per the compliance of Type V S2 of IS 15477:2019 and reaction resin adhesive (R), improved (2) and slip resistant (T) of ISO 13007 and EN 12004.

Limitations

- For floor or impact prone areas application. Do full thin bed application.
- Do not use for glass tiles/substrates. For Glass substrates/tiles, use weberfix PU Hiflex.
- For high vibrational/ deformable area, Weberfix PU Hiflex.
- For light color stone & mosaic, sample appli-

cation on a small area is recommended before going for large scale application.

Application area

- Suitable for application on all interior and approved exterior vertical surfaces for fixing all types of tiles and stones.
- For vertical surfaces, spot bonding application can be done. For floor areas, full thin bed application is mandatory.

Suitable substrate

Please refer Tile substrate matrix.

Surface preparation

For Cementitious substrate, waterproofing and tiles.

- Substrate should be structurally sound, clean and free of all bond inhibiting compounds, like dirt, oil, grease, paint, sealers, curing compounds, laitance etc. Remove dirt, dust and laitance if any using high pressure water jet or any other suitable method. Surfactants may be required for oil, grease etc. Surfaces should be within 15°C to 40°C (at higher temperature material will set faster. To bring down the temperature, saturate with water.)
- Rough or uneven concrete surfaces should be made smooth. Concrete screeds, renders and block work should be sufficiently cured to avoid shrinkage cracks.
- Saturate the surface well (cementitious substrates) and remove excess water before application of the tile adhesive. Surface should be brought to touch dry condition.

For Drywalls and other substrates

- Only dry cleaning is recommended for such substrates.. For metallic substrate, loose rust and paint needs to be removed and to be properly treated before application of Weberfix

SpotOn. Use a wire brush if required, to remove any bond inhibiting compound. Ensure that the substrate is flat, stable and well adhered.

Note:-

- In case of higher undulation 6mm/mtr, a neat coat of SBR LitX to be applied on the substrate, followed by application of weberwall premium plaster, to smoothen the surface (Refer technical data sheet of Weber SBR LitX and weberwall premium plaster for further details).
- In case of oil stains, use of surfactants may be necessary, followed by proper cleaning with water, to avoid debonding of tiles. Leave expansion joints of atleast 10 mm thickness, for every 12 feet in the substrate and in accordance with industry standards. Do not cover expansion joints with adhesive, and can be filled with appropriate flexible sealant.

Mixing

- Please ensure use of proper personal protective equipment (PPE) before handling the product.
- Gradually add 1 part of weberfix SpotOn-component A to 1 part of weberfix SpotOn-component B by weight and mix it to a lump free, smooth, workable paste using a suitable stirrer/low speed drill mix (100rpm)/or any other appropriate tool.
- Mixing at high speed should be avoided. Mix only the quantity of adhesive, which can be consumed in 20 mins.
- After mixing allow the mixture to stand for 1-2 minutes for it to mature. Wash tool immediately with water, after use, and before the adhesive hardens

Note:-

- Do not attempt to extend the pot life by addi-

ng any additional material like resin, solvent etc. These may adversely affect the performance of the product.

Application

- Apply weberfix SpotOn onto the tile/stone surface covering minimum 10% area. Applying dabs on four corners and centre areas at a time.
- Finished dab thickness must be a minimum of 1/8" thickness (3 mm), maximum of 1" (25 mm).
- For 10% coverage area with 5 dabs, diameter of dab can be of 25 mm - 250 mm depending upon tile/stone sizes.
- Unfavorable weather conditions (strong sun, dry wind, high temperature etc.) or a highly absorbent substrate can reduce the open time, even to just a few minutes. It is therefore necessary that careful checks be made to ensure that adhesive fins do not become hard. If observed hard, remove the adhesive, and apply fresh adhesive. Do not cover expansion joints with adhesive, and can be filled with appropriate flexible sealant.
- Spacer between tile/stones shall be as per recommendation of architect/site engineer. Initial support required for ceiling application & in some vertical installations.
- In case of pure white or highly porous stones, please use small sample for application evaluation before going for large scale usage.

Installing the tile

- Clean the stone/tile with water/ dry cloth before installation. Wipe with a clean dry cloth, to ensure there is no bond inhibiting layer of water on the tile.
- Bed the tiles firmly into the adhesive with a slight sliding and/or twisting action/shear, to ensure a good and uniform contact.

- It is good practice to lift an occasional tile after fixing, to verify that the required contact is being achieved.
- In wet areas, external areas and all floors, the final adhesive bed should be free from voids. If necessary, tiles should be adjusted, within 5-10 minutes of installation.
- Carefully clean off any excess adhesive from the tiles and joints with a damp sponge or cloth before it sets. Leave for at least 3 hours before grouting.
- More time may be required before grouting when tiling onto impervious or sealed surfaces or higher bed thickness.

Note

- Do not use on wet screed or plaster.
- Surface must be fully cured.
- No primer is required, for fixing even heavier stones on drywall or plywood.
- To prevent any discoloration of highly porous natural stone, treat with under-tile impregnator webersys stoneprotect.
- To get excellent stain resistance on stone, use hydrophobic and oliophobic impregnator webersys stoneseal.
- To get invisible joints between spaced tile and stones, fill with specially formulated weber pearl armor specialty grout. To get high aesthetic appeal, fill joints with weber knight armor specialty grout.
- When highly porous natural stone is treated with webersys stoneseal as an impregnator to prevent capillary movement of slurry to avoid patches on top of stone, needs to be fixed with Weberfix PU Hiflex.

Grouting

If joints are kept between tiles and stones, then joints to be grouted after 3 hours of application of weberfix SpotOn. To match joint with the color of tile/stone, use weberepox easy which is avail-

able in 12 most popular shades and is having high sag resistance.

Safety precautions

Keep out of reach of children. Wear suitable protective clothing, gloves and eyes/face protection. After contact with skin, wash immediately with plenty of clean water. In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice. Limited to professional use only. For more details please refer the relevant Material Safety Data Sheet, available on request.

Coverage

- Coverage of Weberfix SpotOn bond adhesive will vary depending upon the amount of product required to plumb the wall for 3 mm dab thickness coverage will be 135 - 145 sqft per 2 kg pack.
- 1.62 kg/sqm per mm for full bed thickness.

Shelf life

12 months from date of manufacturing in factory sealed container.

Packaging

2 kg (1 kg resin + 1 kg hardner)

Storage

Store in a cool and dry place away from sunlight.

SUBSTRATE TYPE	SUBSTRATES	TILES															
		Ceramic tiles	Terracotta	Ceramic mosaic	Quarry tile	Vitrified tiles	Glass mosaics	Glass tiles (PU Coated, Mirrors)	Metal tiles	Marble mosaic	Natural stone	Artificial stone	Porcelain tiles	Wooden flooring pavers	Brick	Precast terrazzo	Insulating and soundproofing panels
Cementitious	Cement-based screeds and mortars	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	cement-based plasters/renders	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Existing floor	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Concrete masonry	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Cement terrazzo	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Blocks	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Self levelling screeds	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
Drywall	Gypsum board	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Calcium silicate board	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Bison panel board	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Plaster board	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Tile backer board	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Fibre cement board	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Cement backer board	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Engineered wood	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	MDF	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	MR grade plywood	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Chipboard	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
Others	Brick masonry	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Gypsum plaster	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Underfloor heating installation	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Overlaid timber floors	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	PVC	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Metal	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tiles	Ceramic tile	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Vitrified tile	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Stone	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Vinyl tiles	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
Waterproofing	Mastic asphalt	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Cementitious	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Epoxy	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Polyurethane	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓

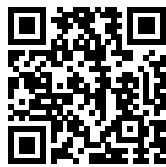
Technical parameters

Mixing ratio (A:B)	1 Part of Component A : 1 Part of Component B by weight
Setting time	10-20 minutes*
Pot life	20 minutes*
Component appearance	Part A- Off white paste, Part B- Brownish Paste
Mixed material appearance	Light yellow Paste
Mixed density	1.4 -1.5 g/cc
Open time	10 minutes*
Support time	3 hours
Application temperature	10-40°C
Trafficable/ handling time	3 hours
Time for grouting	Minimum 3 hours
Interval before normal use	3 days

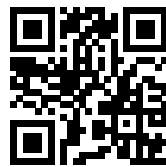
*tested under standard lab conditions

Technical standards and performance ISO 13007 & EN 12004

Classification	Property	Requirement	weberfix SpotOn
R2 – Improved adhesives (additional characteristics)	Shear adhesion strength after thermal shock for full bed thickness	$\geq 2 \text{ N/mm}^2$	$> 3.2 \text{ N/mm}^2$
T – Slip resistance	Vertical slip resistance	$\leq 0.5 \text{ mm}$	No slip



FDS / SDS / DoP
Product information



<https://goo.gl/d39avs>

Scan QR code to download android app for product information and technical data for our complete product range, directly from your smartphone.



Saint-Gobain India Pvt. Ltd. - Weber Business

5th Level, Leela Business Park, Andheri-Kurla Road, Andheri (East), Mumbai-400 059, Maharashtra. India.
Email: weber-india@saint-gobain.com Website : www.in.weber

weber
Connect 
18004252778
www.in.weber



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