

Sate Fix Flex

**Flexible, highly polymer modified, cement based
thin and medium bed tile adhesive**

Properties

Sate Fix Flex is a ready for use tile adhesive and resistant to weathering, heat and frost after curing. It is suitable for indoor and outdoor application. For dry and temporarily slightly moist substrates. Suitable for external walls. Sate Fix Flex has high bonding strength Non sag and is used for fixing new tiles on old ones and also for areas permanently under water.

Area of applications

Sate Fix Flex is suitable for laying in the thin bed or medium bed method of: ceramic wall and floor tiles, mosaic, stoneware, fine stoneware, earthenware, split tiles, glass mosaic, hand moulded stones, brick tiles, lightweight and fibreglass building boards. On concrete, render, cement screeds, anhydrite screeds, masonry, clinkers, as well as paper backed gypsum boards, as well as heated floor screeds.

Sate Fix Flex is used for substrates exposed to low levels of tension or slight fluctuations, heated screeds and swimming pools.

Sate Fix Flex **white** is especially useful for laying marbles, natural stones.

Product Data

Base	cements, polymers, additives, high quality processed fillers grey and white colours
Consistency	powder
Bulk density	approx. 1.4 kg/dm ³
Mixing ratio	25 kg bag + 6.4-7.0 litres water
Application	thin bed method: notched trowel (up to 10 mm notch size); medium bed method: trowel (notch size 15 mm)
Application thickness	3 to 10 mm
Potlife at +20°C	approx. 3 hours
Application temperature	above +5°C

Bonding time	approx. 30 minutes
Open to pedestrian traffic	after 24 hours
Grouting	after 24 hours
Open to full service	after 7 days
Consumption	approx. 1.5 kg/m ³ and per mm layer thickness
Cleaner	water, when still fresh

- 1) Depending upon temperature. Check the tackiness with the finger.
- 2) This figure is given for +20°C and 65 % r.h. The hardening time will be longer in case of non porous substrates and/or in case of dense ceramic tiles.

Working instructions

Preparation of substrates

The substrate must be solid, sound, stable and free of dust, dirt, oil, grease and loose particles. Residues of grease, wax or cleaning agents must be completely removed from old ceramic coverings. Loose tiles and panels must be removed, and the defective areas levelled using the Satex repair mortar. Chalky paints or solid lacquer or dispersion paints should be mechanically removed and then be primed using Satex TG. Paper backed gypsum boards, gypsum plaster (cracked and rough surface) or heavily absorbent cement screeds: use the primer Satex TG. Old or dirty poured asphalt substrates: first mechanically roughen and use the primer Satex TG super. In addition, when using on the above substrates in damp or wet duty rooms, additional waterproofing should be executed directly under the ceramic tiles, for ex. with Satex F Folie or Satex Flex 2K. Mix 25 kg (= 1 bag) Sate Fix Flex and 6.4-7.0 litres water. Use an electric drill with an attached stirrer and mix until lumpfree. Do not mix more mortar than can be applied in 3 hours.

Application

Apply Sate Fix Flex with a notched thin bed trowel (notch size up to 10 mm) or a notched medium bed trowel (notch size 15 mm) and level by combing. The material to be bonded is laid into the fresh mortar bed and pressed onto the substrate remove adhesive residues using a wet sponge.

Clean tools with water immediately after use. Sate Fix Flex does not need a bonding layer in order to bond tiles and panels to old ceramic coverings in interior areas which are not subjected to permanent wetness and which are only subjected to light or moderate mechanical stress (e.g. living areas, domestic bathrooms and the like).

Grouting

Joints between tiles can be grouted after 24 hours at +20°C. When using Sate Fix Flex for tile on tile bonding, pedestrian traffic/grouting can take place after 24 to 48 hours, depending on the temperature. For this purpose, we recommend a polymer modified joint grout, like Sate Fuge Flex, Sate Fuge N. For closing connection, expansion or movement joints, use an elastomeric joint sealant, like Satex SLN.

Consumption

Consumption is approx. 1.5 kg/m² and per mm layer thickness.

Notch size (mm)	4	6	8	15
Consumption (kg/m ²)	1,5	1,9	2,2	4,5

Delivery and storage

Sate Fix Flex is available in paper bags of 25 kg. white and grey color. Can be stored dry and in original sealed packing for at least 12 months.

Notes

This data sheet is based on comprehensive experiences, intends to inform to the best knowledge, is not legally binding and does not constitute a contractual legal relationship or a side obligation from the purchase agreement. We guarantee for the quality of our product under our terms and conditions of sale and purchase. In to reduce the risk of error, limiting information is also stated. We reserve the right to make changes representing technical progress. This data sheet supersedes all earlier technical data on this product.