

SatePox PF

Two component solvent free prefill epoxy resin primer

Properties

SatePox PF is a solvent free and prefill two component epoxy resin primer. It has good penetration capacity and high adhesive strength on numerous substrates.

Area of applications

SatePox PF is suitable as a primer for the epoxy resin coat SatePox TC120, SatePox120TX, SatePox SL130. It can be applied to concrete and floor screed.

Product Data

Base	epoxy resin
Solvents	none
Colour	transparent
Consistency	liquid
Density	approx. 1.4-1.5 kg/dm ³
Mixing ratio by weight	comp. A:86 comp. B:14
Pot life for 200g material at +20°C (DIN 16945)	approx. 30 minutes
Application temperature	+10°C through +35°C
Application	roller, brush
Number of coats	1 to 2
Delay between two coats	2 to 10 hours
Viscosity	1000 - 1300 m Pas
Curing time	24 hours
Consumption	300 to 500 g/m ²
Cleaner	thinner AX

Working instructions

Preparation of substrates

The substrate may be dry or slightly moist but must be stable, rough and clean as well as free from oil and grease. Smooth, sintered, polished, glazed and cement powdered surfaces are unsuitable for coating if not treated by blasting beforehand in order to provide a rough substrate. Asphalt and tar must be completely removed from any surface.

Mixing

Empty the component B in the component A in order to achieve a ready to use product. Mix both components in the lower container with an electric drill. Particular attention must be paid to bottom and walls of the container when mixing.

Mixing time: at least 2 minutes.

A homogeneous mixture of uniform colour must be achieved. Pour the mixed compounds into another empty and clean container. Mix again shortly during 1 minute. In case of use of partial quantities the mixing ratio in parts by weight shown on the container must be adhered to.

Application

Satepox PF is richly applied by brush or by roller. In case of highly absorbent substrates, a second coat will be required. The time interval between two coats must be calculated in a way that the first coat is still tacky when applying the second one, for otherwise no adhesion between the coats can be expected. Depending on substrate, amount applied, temperature and air circulation, this time may vary from 2 to 10 hours. If it is impossible to keep this delay, a covering layer of dry silica sand must be scattered over SatePox PF when still fresh. Excess sand must be removed prior to any further application.

Time available for application

The time available for application depends on temperature and container size.

Watchpoints

The curing reaction may result in the formation of whitish turbidities. This does not mean any quality loss of the primer. When building components are still moist, fresh and uncured coats must not be exposed to solar radiation since otherwise blistering may result due to water vapor pressure. In rain or in danger of rain and at temperatures below +10°C (temperature of air and substrate), we recommend not to apply SatePox PF epoxy or polyurethane resins require a minimum compressive strength of the concrete of 30 N/mm² and a bonding strength of the surface of J 1.5 N/mm².

Consumption

The consumption depends upon the absorbency of the substrate and is approx. 300 to 500 g/m² per coat.

Delivery and storage

SatePox PF is delivered in two component containers of 30 kg. Can be stored dry, at a minimal temperature of +10°C 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.