

SatePox WBP 160

Two component water base epoxy ,color

Properties

SatePox WBP 160 is a coloured, water based two component epoxy resin. It is convenient for the sealing and the coating of different substrates (without silica sand). SatePox WBP 160 presents a good resistance to mechanical and short term chemical solicitation such as diluted acids, alkalis, mineral oils, deicing salts and household cleaners. Due to the great variety of chemicals, we recommend a trial test in order to determine any discoloration. The colored pigments are of extremely high fastness. However a fading of the coloring pigments may result from excessive addition of bleaching agents or other oxidizing substances to the water.

Area of applications

SatePox WBP 160 is used as impact and wear resistant topping for industrial and commercial floors, impregnation and paint on floors pathing, repair mortar on floors

Product Data

Base	epoxy resin dispersion
Solvents	none
Colours	refer to 'delivery and storage'
Consistency	liquid
Density	approx. 1,26 kg/dm ³
Dry residue	approx. 70 %
Mixing ratio by weight	component A : 70 component B : 30
Temperature for application	+10°C through +40°C
Application	brush, roller or trowel (as mortar)
Layer thickness	depending on application
Time available for application	approx. 3 hours at +20°C

Interval between two coats	5 - 24 hours depending on temperature and humidity
Open to light pedestrian traffic	48 hours depending on temperature and humidity
Full curing	7 days at +20°C
Clean-up	water
Thinner	water
Number of coats	1 - 2
Consumption/coat	approx. 200-250 g/m ²

Working instructions

Preparation of substrates

The substrate should be dry or slightly damp. It must be dry stable and rough. Oil, grease and dust must be removed. Smoothed and cement powdered surface require a treatment by sandblasting or milling for otherwise the coats would flake.

Mixing

In case of two component reactive resins, the quantities of the components A and B are precisely matched to one another in the factory. 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.

Potlife

The potlife depends upon the size of the kits and the temperatures. It amounts to at least 60 minutes at +20°C for application without silica.

Sealer

User either SatePox WBP 150 (undiluted) or SatePox WB 160 diluted with 5% water by volume. Apply by roller SatePox WB 160 (undiluted and) by roller either on the sealing coat or on the repair mortar, whilst they are still tacky. In case use of SatePox WBP 150 as sealer, apply two coats of SatePox WB 160 in order to obtain a full cover.

Watchpoints

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 do not recommend to apply SatePox WB 160. High quality reaction resins such as epoxy or polyurethane resins require a minimum compressive strength of the concrete of 30 N/mm² and an adhesive strength of the surface of J 1.5 N/mm².

Consumption

Sealer: approx. 200 g/m² according to the substrate porosity

Paint: approx. 200 to 250 g/m² according to the substrate roughness.

Delivery and storage

SatePox WB 160 is delivered in RAL color in two component in 20 kg.

Can be stored dry and frost free 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.