

Satex Flex 2KS

Two component hydraulically setting waterproofing slurry

Properties

Satex Flex 2KS is a crack bridging hydraulically setting slurry for a flexible waterproofing in indoor and outdoor areas of buildings such as outer walls of basements, containers, swimming pools, wall and floor surfaces of moist and wet duty rooms.

It is stability and impermeable even to water under pressure and crack bridging up to 0.2 mm minimum. It allows rapid and easy application. It has good bonding to many substrates and resistant to frost and non ageing, not harmful to the environment due to its purely mineral base.

Area of applications

Satex Flex 2KS is suitable for waterproofing indoor and outdoor surfaces of buildings such as for wall and floor surfaces in moist and wet areas. Walls of basements and foundations and swimming pools and containers. In connection with ceramic tiling materials Satex Flex 2KS allows a protection of building by waterproofing in case of for soil moisture, surface and seepage water and water under pressure.

Product Data

Base	cement, quartz sand, synthetics additives, modified acrylic resin emulsion
Colours	grey
Bulk density	approx. 1,5 kg/dm ³
Density of the ready mortar	approx. 1,8 kg/dm ³
Mixing ratio	22.5 kg of Satex Flex 2KS (powder) 7,5 kg of Satex Flex 2KS (liquid)
Time available for application	approx. 45 minutes at +20°C
Application temperature	+5°C and +30°C (atmosphere and substrate)
Consistency	slurry
Application	flat bristle brush
Number of application	minimum two coats
Resistance to mechanical stress	after 3 days
Imperviousness to water	after 5 days
Consumption	1,8 kg/m ² per mm
Cleaner	water when still fresh

Working instructions

Preparation of substrates

The substrate must be stable, clean and free from dust, dirt and loose parts. Any whitewash coat and paint must be removed well. The substrate must be slightly wet.

Mixing

Depending on the substrate and water under pressure. At least two and more (3-4 coats) applications are required.

Application

Satex Flex 2KS is available in the correct proportion of ingredients. Satex Flex 2KS (7,5 kg) liquid is added to Satex Flex 2KS (22.5 kg) powder while constantly mixing, until a uniform and lump free mortar has been obtained. It is mixed with electric drill attached stirrer or compulsory mixer for 3 minutes. At least two all over applications are required. The second coat is applied after a minimum delay of 6 hours at +20°C and it should not delay longer than 24 hours to prevent any damage to the first coat. The fresh waterproofing layer must be protected from drying too fast due to sun, draft and rain for three days. Satex Flex 2KS has a good inherent strength and allows the application of protective layers, slabs, screeds, tiles or plasters after three days. Do not apply Satex Flex 2KS to frozen substrates, in frost or at high temperatures (temperature of the substrate above +25°C). Before application Satex Flex 2KS liquid must be stirred well and protected from frost.

Delivery and storage

Satex Flex 2KS is delivered in 22.5 kg bag (powder) and 7,5 kg container (liquid). Can be stored dry, in original sealed packing and protected from frost 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.