

Satex Flex 2K

Highly Flexible and hydraulically setting two component waterproofing slurry

Properties

Satex Flex 2K is a crack bridging and hydraulically setting slurry for a flexible waterproofing in indoor and outdoor areas of buildings such as outer walls of basements, foundations, containers, wall and floor surfaces of moist and wet duty rooms. Satex Flex 2K is a two component product consisting of a liquid component (synthetic emulsion) and a dry mortar. On site, Satex Flex 2K mixed to form a ready for use water proofing slurry that can be applied by brush and trowel.

Satex Flex 2K allows rapid and easy application. It is shrinkage and crack free curing when observing the specified thickness of the layer. It has good bonding to many substrates and impermeable even to water under pressure. Crack bridging up to 0.75 mm min. Resistant to frost and non ageing and suitable for tiles and slabs when using the thin and medium bed flexible tile adhesive Sate Fix Flex. It is not harmful to the environment due to its purely mineral base.

Area of applications

Satex Flex 2K is suitable for waterproofing indoor and outdoor surfaces of buildings such as walls of basements and foundations, in connection with ceramic tiling materials, wall and floor surfaces in moist and wet areas, containers.

Satex Flex 2K can be used for renovation works as well secondary indoor waterproofing of walls resistant to water and to water under pressure. It is used waterproofing under tiles on cantilever plates for balconies.

Product Data

Base	Cement, quartz sand, synthetic resins
Colours	grey
Bulk density	approx. 1,55±0,2 kg/dm ³
Density of the ready mortar	approx. 1.9±0,2 kg/dm ³
Mixing Ratio	23.5kg of Satex Flex 2K (dry component) + 6.5 kg of Satex Flex 2K (liquid component)
Time available for application	approx. 45 min. at +20°C
Application temperature	above +5°C through +25°C (atmosphere and substrate)
Consistency	slurry
Application	float, mason's brush
Number of coats	minimum 2
Resistance to mechanical stress	after 3 days
Imperviousness to water	after 5 days
Consumption	approx. 1,9 kg/m ²
Cleaner	water when still fresh

Working instructions

Preparation of substrates

The substrate must be firm, stable and free from loose parts. Mill off or sandblast any existing plaster and render coats, whitewash, dirt and paint.

Mixing

Satex Flex 2K is available in the correct proportion of ingredients (23.5 kg of dry mortar + 6.50 kg of liquid component). The dry mortar is added to the liquid component while constantly mixing, until a uniform and lump free mortar has been obtained that allows application by trowel.

Application

Satex Flex 2K is always applied by flat-bristle brush at a rate of approx. 1.9 kg/m². The second coat (and a third one if required) is applied by brush or smoothing trowel after a minimum delay of 6 hours at +20°C at the earliest or on the following day in order to prevent any damage to the first coat. Do not apply Satex Flex 2K substrates, in frost or at high temperatures (temperature of the substrate above +25°C). The fresh waterproofing layer must be protected from drying too fast due to the sun, draft and rain for three days.

Consumption

Depending on the substrate and the water pressure Satex Flex 2K is used approx. 1.9 kg/ m²....1 mm thickness.

Delivery and storage

Satex Flex 2K is delivered in bag of 23.5 kg (dry component) and 6.50 kg pail (liquid component) (30kg set). 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.