

Satex Crystallin

Cement based crystalline waterproofing product

Properties

Satex Crystallin, is unique chemical treatment designed to waterproof and protect concrete from water penetration through pores and capillaries.

It is applied from either the positive and negative side and user friendly and easy to apply. It increases the durability of the concrete and it can stop water penetration into concrete.

Area of applications

Satex Crystallin, is used for waterproofing of concrete surfaces from negative and positive directions. Satex Crystallin is chemically similar to Satex Cry Conc only it is purposely designed to be a surface applied treatment that penetrates into concrete for an in depth waterproofing solution. It is used as waterproofing product where hydrostatic pressure is minor or not relevant. It is recommended for tunnels and subways, all below grade concrete foundations, water towers and water reservoirs, marine structures and concrete walls and floors.

Product Data

Base	portland cement, special quartz and chemicals
Color	grey
Appearance	powder
Bulk density	1,20 kg/ltr
pH value	13
Consistency	for brushing
Working temperature	+5°C to +30°C
Pot life	25 minutes
Application	brush, trowel
Mixing ratio	5 parts powder: 2 parts water (by volume)
Cleaner	water when still fresh

Working instructions

The substrate must be clean and sound, free of oil, grease and release agents. To maximum penetration of Satex Crystallin the substrate should be clean and the pores opened. All the gaps and bad surfaces should be repaired with Satex RMFix. Before using product the substrate should be wetted. Minimum two coats is used for waterproof the substrate.

Consumption

Single Coat (by brush): 1 kg/m² powder, 5 parts powder: 2 parts water

No pressure water (by brush): minimum two coats. 0,8 kg/m² powder per coat

High pressure water (by brush): under two coats of Satex Crystallin apply one coat of Satex Crystallin: 0,8 kg/m² powder, 5 parts powder: 2 parts water

The substrate must be prewetted before applying the product. Do not use the product if the substrate is frozen. Please use the product between the weather temperature + 5°C, + 30°C.

For every coat 0.8 kg/m² powder form.

Cleaning Tools

Brush, trowel. Tools can be cleaned with water.

Delivery and storage

Satex Crystallin is delivered in 20 kg. Can be stored dry and in original sealed packing for at least 12 months. At least one year stored dry in closed piles.

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.