

Silex®Fluat 944

For restructure of building material surfaces

Silex®Fluat 944 is a highly reactive building protection material with wide application possibilities. Silex®Fluat 944 removes salts, neutralises and avoids stains, removes mould and mouldy. It is also able to consolidate tender plaster and cement-bound building materials.

The product effectively removes salts deposited on mineral building material surfaces and in building material pores, new efflorescence is prevented. Free lime and alkaline substrates are neutralised, sintered layers are removed.

Silex®Fluat 944 is a very effective fungicide, mould and rot are eliminated, fungal spores are killed, even deep in the building material. The typical musty smell in cellars and rooms with damp walls disappears quickly and permanently after treatment with Silex®Fluat 944.

When treating concrete and cement-bound building materials with Silex®Fluat 944, the building material is chemically compacted, consolidated and hardened by filled crystalline silicates, the absorption of moisture is reduced. For cement-bound floor surfaces, treatment with Silex®Fluat 944 significantly reduces abrasion and wear. The permanent formation of new fine dust is prevented, the resistance of the floors to oily and watery pollutants is improved enormously.

Application Surfaces

Remove dust, dirt and loose parts, brush off if heavily soiled and rinse with water. Fresh concrete and new plasters must be completely set. The substrate must be tested and prepared according to DIN 18 363. Do not use Silex®Fluat 944 on gypsum bound plasters and screeds.

Processing

Apply Silex®Fluat 944 - diluted with water - with brushes or surface brushes in at least two coats to the substrate. The tools must not be bound with wire or sheet metal. Do not use metal containers (exception: stainless steel) for mixing and processing the product.

Working step 1: Dilute Silex®Fluat 944 1:4 with water

Working step 2: Dilute Silex®Fluat 944 1:2 with water

Working step 3: Dilute Silex®Fluat 944 1:1 with water (only in special cases)

The application can be done "wet in wet", but drying between the steps improves the effect. For subsequent coats, it is advisable to rinse the fluated surfaces with clear water after 24-48 hours waiting time.

Important: Protect glass, ceramics, tiles, marble, aluminium and all parts and surfaces that are not acid-resistant by covering them. Sillex®Fluat 944 attacks these materials. It provides stains that cannot be removed from glass and ceramics and are difficult to remove from other substances. Remove fresh stains and splashes directly with clear water.

Product data

Chemical Properties

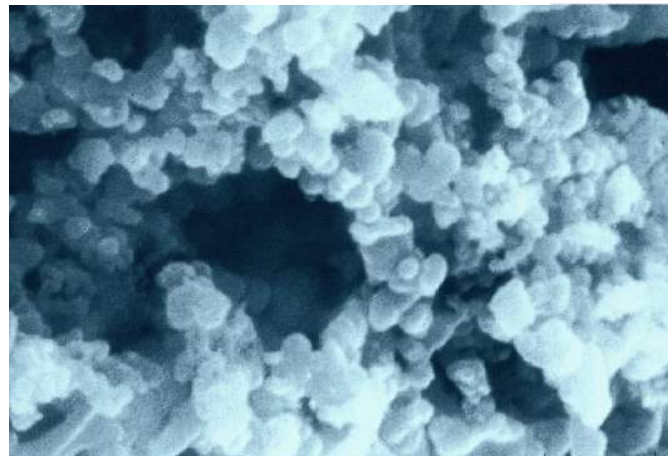
Composition	Solution of metal salts of hexafluorofluoric acid, auxiliaries + additives
Solvents + Thinner	Water
Density	1,12 - 1,14 g/ml (20°C)
pH	1,8 - 2
Appearance	Colourless, slightly dull liquid
Viscosity	Water-like thin liquid
Odour	Weak, typical for the product

**Work protection
Storage
Disposal**

Sillex®Fluat 944 reacts strongly acidic, skin and mucous membrane are attacked. Contact with eyes and skin must be avoided at all costs. During processing, it is essential to ensure adequate body protection (safety goggles, protective gloves)!

The product is not flammable. Do not store it together with food and feeding stuff. Keep away from children and unauthorised third parties. Dispose liquid product rests as special waste.

There is a safety data sheet for this product available. It contains all current information about Handling, storage and disposal of Sillex®Fluat 944.



These technical information describe the present-day state of knowledge these product. They should only inform about the possibilities of application and could not release the applicator of his commitment to check the possibility to use the product for the required application. Information for processing can be found in processing instructions of our product. Information about safe handling can be found in our current safety data sheet.

ATI-Sillex®Fluat 944 11|2019
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passion to invent 