

RC XETAL CLEAN 3

FILM-FORMING CLEANING PASTE FOR REMOVING DUST, SOOT AND OTHER INTERIOR CONTAMINATIONS

Test report: Royal Institute for Cultural Heritage (Brussels)

Peeling



ADVANTAGES OF RC XETAL CLEAN 3

- ✓ Thorough cleansing deep into the pores
- ✓ No chemical after-effect
- ✓ High efficiency, can even be sprayed by machine
- ✓ Salts are not dissolved back into the substrate
- ✓ No damage to plaster restorations and works of art
- ✓ No risk of contamination and mold

Description

RC XETAL CLEAN 3 is an environmentally friendly dry cleaning paste for the removal of soot, dirt, dust and nicotine on interior walls composed of natural stone, marble, plaster sculptures, smooth wood, brick, plasters, paints, plastics etc.

RC XETAL CLEAN 3 forms an easily peelable film when dried. When peeling off the film, the contamination is removed mechanically and the surface is cleaned deep into the pores. RC XETAL CLEAN 3 is extremely suitable for post-fire clean-up.

RC XETAL CLEAN 3 is based on the cleaning technique which incorporates harmful or aesthetically disturbing products mechanically or chemically in an easily removable film. The contamination which is chemically anchored to the substrate can be dissolved by the addition of complexes in the paste. The concentration of complexes is adapted in function of the each problem in order to ensure a maximum cleaning effect without affecting the substrate. If you need an even stronger cleaning, inform yourself about RC XETAL CLEAN ADDITIVE (1 - 3 kg with 17 kg RC XETAL CLEAN 3).

Properties

- Thorough cleansing deep into the pores;
- No chemical after-effects;
- No nuisance by water, so no risk to artwork;
- High efficiency even when mechanically sprayed;
- Present salts are not dissolved in the substrate;
- No deterioration of plaster restorations;
- User friendly;
- Deep profiles are also cleaned;
- No risk of smudging;
- No risk of mold.

Substrate

RC XETAL CLEAN 3 is extremely suitable for interior cleaning of various surfaces such as brick, concrete and cementitious artificial stone, limestone, sandstone, chalkstone, glazed bricks, marble, plasters, paints, plastic, metal ...

Set up a test patch to determine the cleaning effect.

The substrate being cleaned must be dry and free from dust and loose debris.

Application instructions

Substrate preparation

Surfaces that do not need cleaning should be thoroughly protected. The substrate has to be dry and free of excess dust and loose particles.

Application

RC XETAL CLEAN 3 is ready for use and must never be diluted. Before use, RC XETAL CLEAN 3 must be very thoroughly mixed. RC XETAL CLEAN 3 is applied with a brush or with an airless unit. In order to obtain an optimal cleaning result, the layer thickness should be between 2 and 3 mm, depending on the type of substrate.

In concave cavities of sculptured surfaces extra care should be taken to reduce the layer thickness of the film. The minimum processing temperature is about 10°C.

Removal

RC XETAL CLEAN 3 is light beige and becomes transparent brown during when drying, this indicates that a film is being formed. After allowing the product to completely dry (minimum 24, maximum 36 hours) the elastic film can be removed. Avoid waiting longer than 3 days, this will reduce the elasticity of the film and make it difficult to peel.

After 24 hours, the film can be carefully removed by evenly peeling it while maintaining the same tension. Where necessary, the film can be cut. Afterwards, clean the surface gently with a damp soft cloth.

Consumption

Consumption depends on the degree of soiling and the substrate, as well as the structure of the object being cleaned.

- Flat surface: approximately 0,7 (brush) to 1,0 (machine) kg/m².
- Sculptured surfaces: approximately 1,0 (brush) to 3,0 (machine) kg/m².

Technical information

Physical state:	Thick liquid
Color:	Milky
Viscosity (20°C):	mPa.s ≈ 20000
Relative density (20°C):	0,94 - 0,999 g/cm ³
pH:	9 - 11
Odor:	Characteristic

Security

Respiratory protection with a particle filter P2 must be worn during spraying, together with protective goggles. Wear suitable protective gloves and clothing.

For more information, consult the most recent Safety Data Sheet.

Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains. Any material that is contaminated after application must be disposed of in accordance with the applicable regulations.

Remark

The minimal ambient and contact temperature for application is 10°C.

Cleaning of equipment

Clean with plenty of cold water and soap or tools after complete polymerization. Rinse airless units sufficiently with water and sufficient amount of detergent.

Storage / Shelf life

- 1 year after manufacturing in original, closed packaging.
- Store frost-free (+5°C to + 20°C) in a dark room.

Packaging

17 kg RC XETAL CLEAN 3 (item no. 10810), 17 kg RC XETAL CLEAN ADDITIVE (item no. 10813).

Types of airless

Brand	Type of pump	Pistol	Spray	Airflow
Delta Industries Titan	1140 i	1 pistol	0,021 ²	4,2 l/mn
	6900 GH Pumpe mit Ansaugstutzen	1 pistol	0,021 ²	5,7 l/mn
	6900 GHD Eintauchpumpe	1 pistol	0,021 ²	5,7 l/mn
Graco	1095	1 pistol	0,021 ²	3,8 l/mn
Wagner	HC 45 E SSP	1 pistol	0,021 ²	5,6 l/mn

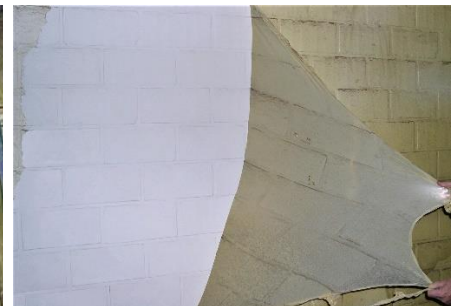
Photo's



Cleaning of bricks



Cleaning of statues



Cleaning of paintwork

For more imagery of our RC XETAL CLEAN 3, visit our site!

(<http://en.reynchemie.com/producten/rc-xetal-clean-3>)

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Legal Notes

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