

Acquadvetro

Water-based siloxane protective treatment for mineral finishes

GENERAL FEATURES

Acquadvetro is a clear water-based protective treatment for mineral facades, formulated with siloxane resins and special additives.

USES

Protection and strengthening of mineral facades, such as reinforced concrete, lime-based paints and plasters, siloxane paints and plasters. In addition, **Acquadvetro** is an excellent protective treatment for lime putty finishes and natural stone.

IDENTIFICATION FEATURES

Binder nature: acrylic polymer
Density: 1,03 +/- 0,05 g/ml

PERFORMANCES

Acquadvetro has a high penetration and insulating power. It does not alter the vapour permeability of the treated substrate, thus, producing, at the same time, an effective barrier against migration to the surface of salts and protecting the substrate from weathering agents.

DILUTION

Acquadvetro: maximum dilution with 30% of water, to be determined in site through previous application trial.

WARNING

Properly mix the products before the application. It is compulsory to use **Acquadvetro** after at least 20-30 days from the application of the mineral finishes to be protected, in suitable environmental conditions (T=25°C, UR=60%), to allow the substrate's pH to be reduced below 12. It is important to determine the product's dilution degree through application trial in site. The application of **Acquadvetro** changes the surface gloss degree, making it matter.

SUBSTRATE PREPARATION AND APPLICATION

The substrate must be perfectly dry, dust-free, with no humidity and salt stains. Apply with a thin roller a coat of **Acquadvetro**, diluted according to the substrate's absorption rate, until achieving the complete saturation. The application must be from the bottom to the top. It is possible to apply a second coat of **Acquadvetro**, properly diluted, for a higher protection of the surface. Drying time: about 24 hours depending on the kind of substrate and its absorption rate, in stable environmental conditions (T=25°C, UR=60%).

WARNINGS

During the entire application process, the product must be protected from cold and high heat changes. Do not apply with air, substrate and product temperature lower than +5°C and higher than +35°C, nor under direct sun light, nor on superheated surfaces (even if already in shadow). Environmental humidity must be <75%; substrate humidity must be <10%. It is advisable to complete each work with materials from the same batch of production. When using multiple

batches, it is recommended to remix the various products together to avoid slight differences in shading. For the correct use, dilution and application of the products here mentioned, consult their respective technical data sheets.

During the preparation of the substrate and application of the products, it is recommended the correct use of tools and individual protective devices (dpi).

TOOLS CLEANING

With water, immediately after their use.

YIELD

Acquadvetro: 7-20 m²/l per layer, depending on the kind of substrate and its absorption rate.

COLORS

Colourless, it cannot be tinted.

PACKAGES

5l. and 15l. packages.

SHELF LIFE

The packaged product is guaranteed for 24 months, if stored in the original sealed packages and at temperatures between +5°C and +35°C.

SECURITY PROCEDURES

EU policy 2004/42/CE:

Acquadvetro (decorative effect coatings)

EU limit values for **Acquadvetro** (cat A/I): 200 g/l (2010)

Acquadvetro contains maximum 200 g/l of VOC.

The product does not require the label as per the D.L. 65 dated 14/03/03 and following corrections. Use the products as per the security and hygiene procedures rules. Dispose of the empty packaging remaining material in compliance with local laws. Keep the product away from children usage and in an airy place. In case of contact with eyes, wash them immediately with water. In case of ingestion of the products, consult immediately a doctor showing him the can or the label of the product. Do not leave wastes in drains, water courses and on the ground. For further information consult the safety data sheet.

N.B. - NOVACOLOR guarantees that the information herein is provided to the best of its technical and scientific knowledge and based on its experience; nonetheless, the company may not be held liable for the results obtained using these products, as application conditions are beyond its control. It is recommended to always make sure that the product is suited to each specific instance. The present sheet voids and replaces any previously existing sheets.