

deffner & Johann

Supplies for RESTORATION | CONSERVATION | ART HANDLING – SINCE 1880

TECHNICAL DATA SHEET

info@deffner-johann.de | +49 (0)9723 9350-0

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Lascaux Lascaux Hydro-Sealer

For the best treatment of varied surface preparations we offer compatible sizing. A comprehensive variety suitable for all types of substrates, including paper, textiles, wood, etc. For both interior and exterior use.

Composition

Extremely fine acrylic resin dispersion

Properties

- thinnable with water
- flexible
- colourless
- lightfast and age resistant
- with excellent penetration
- contains no solvents or softeners

Applications

- for sizing or preparing substrates ranging from moderately porous concrete to highly absorbent sand plaster before applying acrylic colours or dispersion paint
- to a limited extent, sizing with Hydro-Sealer can help to consolidate substrates such as gritty plasters. Special care should be taken where old, chalking off mineral or lime paint are involved. In such cases, it is best to try out the preparation first
- in restoration, Hydro-Sealer can also be used for consolidation of paint layers, above all of oil paintings

Directions

The strengthening effect depends on the type of binder used in the substrate. Penetration power is also affected by the absorbency of the surface.

Thinning: as an indicative value, mix about one part Hydro-Sealer with 4 parts water. The important thing is that the solution must soak into the substrate, without forming a closed film on the surface. Small amounts of Studio Colours can be added to the mixture to identify areas that have been primed.

For consolidated paint layers, above all of oil paintings, Lascaux Hydro-Sealer is diluted with water in a ratio of 1:1 to 1:4 depending on the desired adhesion and then soaked into the tears, cracks or cuppings. Excess amount of Lascaux Hydro-Sealer on the surface should be removed carefully before drying with a humid sponge and/or a cotton swab. Lascaux Hydro-Sealer should not be used below the temperature of +5°C (+41°F).

Coverage

Approx. 20-30 ml/m² per coat depending on the support and application.

Notes

USA: conforms to ASTM D-4236.

Sizes

Art. Nr. 2033100: 1l.

Art. Nr. 2033100: 5l.

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Notes

USA: conforms to ASTM D-4236.

Sizes

Bottles of 1l. Cans of 5l.

Lascaux Paraloid B 72-10%

(solvent containing deep sealer)

Composition

10% solution of a pure acrylic resin in toluene and isopropanol

Properties

- solvent-containing deep sealer with particularly good penetration power
- glass transition temperature (T_g) approx. 40°C

Applications

- recommended as an impregnating agent and surface consolidator if the ground may be critical for aqueous primer penetration

Directions

Lascaux Paraloid B 72-10% deep sealer is ready to use as supplied. Dilution is not normally necessary.

The surface to be treated should be dry and free of dirt and grease. Before applying the deep sealer on sanded or fragile grounds, wash or brush off the loose particles. If the structure is severely impaired, try some experimental applications first.

Lascaux Paraloid B 72-10% deep sealer is usually brushed on. This ensures significantly better penetration. The product may also be sprayed onto new structures and supports.

The treatment may have to be repeated on porous or strongly absorbent surfaces if a single application results in a dull surface finish.

Do not use on supports that have been exposed to either hot sunshine or freezing conditions.

Drying time: 5-6 hours at 60% relative humidity and room temperature.

When the deep sealer is completely dry, Lascaux Uni Primer can be applied.

Coverage

Approx. 70-100 ml/m² per coat depending on the support and application.

Notes

Use only in well ventilated surroundings. Apply caution when using in closed rooms. Do not smoke. Disconnect any non-explosion proofed systems, devices, lights and other ignition sources. Wear a dust mask when applying as a spray. Toxicity class 4. Restricted sale. Hazard identification: F and Xn
R 11 Highly flammable
R 20 Harmful by inhalation
R 36 Irritating to eyes

Sizes

Cans of 1l and 5l.

Disclaimer:

The information provided above is given to the best of our knowledge and is based on our current research and experience. It does not absolve the artist from the responsibility of first testing the suitability of our products for the substrate and specific use conditions he or she has in mind. This technical sheet will become invalid with any revised edition. The latest update is always found on our website.