

# deffner & Johann

Supplies for RESTORATION | CONSERVATION | ART HANDLING – SINCE 1880

## TECHNICAL DATA SHEET

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## Lascaux Transparent Varnish 1 gloss

For the ideal finishing treatment of a work: acrylic varnishes increase resistance to the effects of weather, soiling and mechanical stress and make cleaning easier. They have good adhesive properties, are non-yellowing, lightfast and age-resistant. A final varnish can harmonize surface sheen in a painting.

### Composition

Pure acrylic resin dispersion

### Properties

- water-thinnable
- dries to waterproof and clear film
- of superior transparency
- excellent adhesion, abrasion resistance and hardness
- lightfast and age resistant

### Applications

- Various applications on stable surfaces:
- protective varnish for acrylic paintings
- protective varnish for digital print
- painting medium for acrylic systems
- increases the hardness of Lascaux Artist and Studio artists' acrylic colours
- coating of wood, plywood and hardboard
- transparent wood varnish for interiors

### Directions

Protective varnish for acrylic paintings: Provides excellent protection against weathering, dirt and mechanical damage. For use as a final varnish on painted objects, dilute Lascaux Acrylic Transparent Varnish with about 25% of water and apply a thin layer by spray gun or soft brush. Leave to dry for 4-6 hours, then spray or brush on a second coat. The 1, 2 and 3 varieties can be mixed, allowing you to adjust the degree of gloss as desired. Types 2 and 3 need to be shaken or stirred before use. A final coat helps to bring out the intensity of the colours. Transparent Varnish 3 increases the resistance without altering the sheen of Lascaux acrylic colours.

**Protective varnish for digital print:** For best application and to obtain an even coat the varnish is sprayed on. It can also be rolled, whereby attention has to be paid to avoid film irritations like air pockets.

**Painting medium for acrylic systems:** Add as required. Increases the hardness of Lascaux Artist and Studio artists' acrylic colours: Mixed with Lascaux acrylic paints, the varnish provides improved grip and hardness and enhances the paints' abrasion resistance. Add 25-50% Lascaux Transparent Varnish to the paint.

**Coating of wood, plywood and hardboard (chipboard, etc.):** Mix 1 part Lascaux Transparent Varnish with 1 to 3 part water. Apply one good coat to seal the surface. When the varnish is dry, carefully sand off the raised fibres.

**Transparent wood varnish for interiors:** Mix 1 part Lascaux Transparent Varnish with 1 to 3 part water. Apply one good coat to seal the surface. When the varnish is dry, carefully sand off the raised fibres. Then coat the surface with a mixture of 4 parts Lascaux Transparent Varnish and 1 part water.

### Special Notes

Before applying the varnish the paint layer should be thoroughly dry. Depending on the thickness of the layer, the temperature and humidity, this can take 1-2 days or longer if the layer is thicker.

The working temperature, given an average humidity of 40-60 %, should be above +8°C. When the humidity (over approx. 75%) is higher, the varnish should not be used below the temperature of 15°C, as problems in the film building might occur otherwise. This applies for both, the temperature during the application as well as for the first hours of drying.

The film has to be thoroughly dry before exposing it to the influence of weather or mechanical stress. Depending on the thickness of the layers, the temperature and the humidity this can be between 1-2 weeks, with thicker layers even longer.

### Coverage

Approx 40-70ml/m<sup>2</sup> per coat, depending on the support and application.

### Notes

USA: conforms to ASTM D-4236. "Non toxic".

### Sizes

Art.Nr. 2023025: 250 ml

Art.Nr. 2023100: 1 l

Art.Nr. 2023500: 5 l