

## Lascaux Varnishes / Fixativ

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.

### Lascaux Acrylic Transparent Varnish 1 gloss, 2 matt and 3 semi gloss

#### 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 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. 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 pods.

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

#### Notes

Physiologically and toxicologically safe in conventional usage. USA: conforms to ASTM D-4236. "Non toxic".

#### Sizes

Jars of 85 ml, 250 ml, 1l and plastic buckets of 5l

# Lascaux Acrylic Transparent Varnish 1-UV gloss, 2-UV matt and 3-UV semi gloss

## Composition

Pure acrylic resin dispersion with ultraviolet (UV) light stabilizers

## Properties

- water-thinnable
- clear protective varnish for optimizing colour stability and resistance to weathering in acrylic colours
- built-in UV protection stabilizes the system in the short-wave UV range
- lightfast, age resistant and waterproof

## Applications

- the lightfastness of the less-resistant yellow, red and yellow-green Lascaux Acrylic Studio Colours can be stabilized by applying a final protective coat of Lascaux Acrylic Transparent Varnish-UV for outside work
- suitable for use on Lascaux Studio Metallic acrylic colours 990, 991, 992, 993 and 994 in interiors

## Directions

Preparation and use of Lascaux Acrylic Transparent Varnish-UV is the same as for the standard version, with the following reservations: At least two coats are always required, each diluted with about 25% of water, to guarantee the necessary UV absorption effect. Allow about 4-6 hours drying time between coats. Protection against UV rays is only achieved by applying Lascaux Acrylic Transparent Varnish-UV as the final stage. Mixing the product with the paints has no effect. Naturally, Lascaux Acrylic Transparent Varnish-UV can also be used for interior work but this is not strictly necessary.

## Special Notes

See chapter Transparent Varnishes

## Coverage

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

## Notes

Acrylic Transparent Varnish 1-UV gloss and 2-UV matt contain UV absorbers that confer stability against UV rays.

Physiologically and toxicologically safe in conventional usage. USA: conforms to ASTM D-4236. "Non toxic."

## Sizes

Jars of 85 ml, 250 ml, 1 l and buckets of 5 l

# Lascaux Fixativ (solvent based)

## Composition

Pure acrylic resin in organic solvents

## Properties

- extremely lightfast and age resistant
- non-matt
- permits invisible fixing on absorbent supports (paper, cardboard, etc.)
- a silky-matt to a slightly glossy varnish can be obtained on non-absorbent substrates (prints, photographs, acrylic colours and oil paintings)
- it is non-yellowing
- does not change the hue of colours upon drying

## Applications

- a multi-purpose fixative which seals or fixes almost any product on almost any surface
- for invisible fixing of drawings in pencil, charcoal, pastel and wax crayons, particularly on delicate paper
- can be applied as a fixative or a waterproof sealing coat to water-colours, India ink or tempera works
- sealing with Lascaux Fixativ makes photographs, photostats, art prints, lithographs, proofs, press-on lettering and gold leaf scratch proof
- suitable as a final varnish for acrylic colours and thoroughly dried out oil paintings, etc.
- whose high quality has been tried and tested in many fields including art teaching, graphic and fine art, printing, bookbinding and architectural draftsmanship

## Directions

Lascaux Fixativ is applied in a thin, even film by spraying from a distance of approx. 30 cm in a circular movement. For use on delicate drawing paper, the distance should be increased and care taken that the paper does not become soaked through. The spraying process can be repeated until the desired result is obtained.

As a varnish for acrylic paintings, Lascaux Fixativ can be applied in any number of layers (very important in attaining an even glaze and degree of gloss).

## Notes

Lascaux Fixativ contains organic solvents. It is labeled with the symbols "F+" - Extremely flammable and "Xi" - irritant. Do not breathe spray and vapor. Use only in well ventilated areas. Keep from heat and direct sunlight. Keep away from sources of ignition. Do not smoke. Keep out of reach of children. USA: conforms to ASTM D-4236.

**Sizes**

Spray cans containing 300 ml (12,5 fl. ounces, 217 g),  
cardboard boxes of 12 spray cans containing 300 ml,  
1 litre and 5 litre cans (for use with spray gun).

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**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.