

## Lascaux Retarder

### Composition

Mixture of water and propanediol with acrylic polymer

### Properties

- thinnable with water
- adding Lascaux Retarder extends the relatively short drying time of acrylic colours on nonporous supports and keeps paint film open for longer
- reduces the evaporation rate of the water and enhances the reemulsifying capacity of the paint, i.e. dry paint film containing
- the addition of Lascaux Retarder does not alter the hue of the colour

### Applications

- Retarder can be redissolved within approximately 1 hour of drying by applying water or fresh colour
- the re-dissolvability time depends on individual drying factors (ambient temperature, humidity of the air, etc.)
- not recommended for use on porous supports, nor for exterior applications

### Directions

The Retarder can be added to original colours in a proportion of 10 to 30%, either undiluted or diluted with water as desired (up to 1 part Retarder to 10 parts water).

Because of the slow evaporation the complete drying time is greatly extended especially if there are several layers.

The paint may stay soft and susceptible to water for a considerable time. The use of Retarder is therefore not recommended for outside work, since the longer drying time increases the risk of swelling through contact with water (e.g. rain).

### Notes

Lascaux Retarder will keep indefinitely. However, it should not be exposed to direct sunlight as this may lead to a slight darkening of the product. Lascaux Retarder is generally regarded as physiologically and toxicologically safe in conventional usage. USA: conforms to ASTM D-4236.

### Sizes

bottles of 85 ml, 250 ml and 1 l, plastic buckets of 5 l.

## Lascaux Ultra Retarder

### Composition

Mixture of water and propanediol with acrylic polymer

### Properties

- higher viscosity version of the Retarder which added to acrylics extends drying for a very long time, up to three times as long as the regular Retarder
- will change the viscosity of Lascaux Artist Acrylics only slightly
- adding Lascaux Retarder extends the relatively short drying time of acrylic colours on nonporous supports and keeps paint film open longer: up to a couple of hours
- reduces the evaporation rate of the water and enhances the reemulsifying capacity of the paint, i.e. dry paint film containing
- the addition of Lascaux Ultra Retarder does not alter the hue of the colour

### Applications, Directions and Notes

Same as Lascaux Retarder.

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

### Sizes

bottles of 85 ml, 250 ml and 1 l, plastic buckets of 5 l.

## Lascaux Thickener

### Base

Acrylic polymer in water

### Properties

- for a higher viscosity and pasty consistency
- allows a good handling of the brush on glazing technique, when used with strongly diluted acrylics
- stores up the water in the paint, thereby increasing the open time of the film (delayed drying)
- contains no binder

### Applications

- can be added undiluted or mixed with water as base compound
- does not alter the depth of colour or surface texture of the painting
- Lascaux Thickener is not suitable for creating textures and impastos. For this purpose Lascaux Impasto Gel should be used

**Directions**

The added quantity of thickener should be up to max. 30% for interior and 3% for exterior application. Always try out the product first, as the effect may vary according to the support.

Glazing technique: A standard solution is advisable, depending on the painting technique. The Thickener is diluted with water in a ratio ranging from 1:1 to 1:10 and the resulting mixture is then added to the colours. The consistency of the diluted paint can thus be adjusted exactly as required, making it easy to work with the brush.

**Notes**

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

**Sizes**

bottles of 85 ml, 250 ml and 1 l and 5 l plastic buckets.

**Directions**

Slowly add 20-30% Matting Agent to the relevant products, stirring all the time. Depending on the amount of the agent added, a certain loss of transparency is unavoidable. Higher proportions of Matting Agent will proportionally reduce the binder content thereby diminishing the waterproofness and scratch resistance of the paint. The Matting Agent should therefore only be used for interior work.

**Notes**

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

**Sizes**

bottles of 85 ml, 250 ml and 1 l, plastic buckets of 5 l.

## Lascaux Matting Agent

**Composition**

Dispersed pyrogenic silicia with acrylic polymer in water

**Properties**

- used to obtain a matt effect with acrylic paints and mediums. It contains no binders.
- dries to a matt, water-resoluble film
- lightfast and age resistant

**Applications**

- adding Lascaux Matting Agent gives acrylics a matt appearance similar to that of gouache or tempera colours
- likewise, acrylic colours can be prepared for supplementing or retouching lime and casein paintings at any stage
- the Matting Agent is only suitable for use with water-based systems and for interior applications

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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.