



# Technical data sheet

PROTECTION MADE EASY

## Cryltane AC Clear VHA 1002

### Description and destination of the product

**Cryltane AC Clear VHA 1002** is a two-pack varnish acrylic polyurethane with universal adherence. The product is easy to apply by brush, roller or sprayer. **Cryltane AC Clear VHA 1002** cures at room temperature but an accelerated curing is possible.

### Type of binder

Hydroxy acrylic and aliphatic isocyanate as hardener. Therefore the product can also be applied outdoors.

### Type of pigment

Magnesium silicate

### Colour

Colourless.

### Gloss

Mat: 20 ( $\pm$  5) % Gardner 60° (depending on the layer thickness and the surface).

### Technical data

- **Density:** 1.15 ( $\pm$  0.03) g/cm<sup>3</sup>
- **Solids content:** 53 ( $\pm$  3) % in volume
- **Mixing ratio:** 85/15 in weight **BN 467**  
5/1 in volume  
Mixing errors result in deviating properties and differences in gloss.  
Therefore we advise to mix the complete contents of base paint and hardener.
- **Potlife:**  $\pm$  6 hours at 20°C
- **Drying times:**
  - dustdry : 1 hour
  - tackfree : 4 hours
  - dry : 24 hours
  - maximum resistance : after 3 days

- **VOC:**
    - < 420 g/L (not diluted)
    - < 500 g/L (20 % diluted)
    - Cat. A/j: 500 g/L (norm 2010)
  - **Theoretical yield:** ± 13 m<sup>2</sup>/L for 40 microns dry layer thickness
- The practical yield can largely be influenced by the roughness and porosity of the substrate, the applied layer thickness or the losses by airless application.

## Surface preparation

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The surface must be free of grease, dust, salts and other impurities. A thorough degreasing with appropriate means is necessary. If a second layer (such as **Mixtane**) is desired, it is recommended to apply this coat within 3 days in order to avoid problems of interlayer adherence.

## Use

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- Mix the hardener BN 467 and stir well.  
Mixing ratio: 85/15 in weight BN 467  
5/1 in volume
- Errors in mixing ratio can lead to deviations. Therefore we advise to mix the complete content of base paint and hardener.
- For application by brush or roller: ready for use.
- For application by pneumatic gun: dilute with 5 to 10 % **Solvatane**
- For application by airless pistol: dilute with 0 to 5 % **Solvatane**
- (nozzle: 0.015-0.017", angle: 50-80°)
- Clean the tools with **Solvatane**

## Application conditions

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The relative humidity should be no higher than 85 % and the temperature of the surface must be at least 3°C higher than dew point. The temperature and relative humidity should always be measured as closely as possible to the object to be painted.

## Storage stability

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Minimum 2 years in the original, unopened packing, stored at temperatures between -40°C and +50°C.

## Safety measure

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For detailed information about safety measures, personal protection and transport data of this product, we refer to the safety data sheet.

*The last update of our technical data sheets is always available at our website: [www.libertpaints.be](http://www.libertpaints.be)*

### Disclaimer

*The information given in this technical data sheet is only a general product description, based on our experiences and tests and therefore does not represent a specific practical case. Consequently Libert Paints doesn't guarantee the functionality or result and takes no responsibility in this respect.*

*We advise our clients to test the applicability of the product to the nature and the state of the surfaces and to carry out the necessary representative tests in case of doubt. Please contact our R&D department as the occasion arises.*

*Attention: our clients should verify whether the present technical data sheet hasn't been replaced by a more recent version.*