

DS 085

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17.04.2018

# TEKNOCRYL 100-700

## Acrylic Top Coat

**PAINT TYPE**

TEKNOCRYL 100-700 is a 1-pack, acrylic modified top coat.

**USAGE**

The paint after tinting is used as a topcoat on suitable prepared epoxy coat, vinyl coat and acrylic coat.

**SPECIAL PROPERTIES**

The binder of the paint is an acrylic resin modified with halogen-free plasticizers. TEKNOCRYL 100-700 is decorative, gloss coating and flexible. It is resistant to sunlight, intermittent action of water, salt and alkali solution.

**TECHNICAL DATA**

**Solids**

46±2% obj

**Total mass of solids**

abt. 820 g/l

**Volatile organic compound (VOC)**

abt. 470 g/l

**Density**

abt. 1,3 g/cm<sup>3</sup>

**Recommended film thickness and theoretical spreading rate**

Dry film (µm)	Wet film (µm)	Theoretical spreading rate (m <sup>2</sup> /l)
40	87	11,5

As many of the paint's properties will change if too thick coats are applied, it is not recommended that the product is applied to a film thickness that is more than double of the thickest recommended film.

**Practical spreading rate**

The values depend on the application technique, surface conditions, overspray, etc.

**Drying time at +23 °C, 50% RH (dry film 40µm)**

- dust dry
- touch dry

after 1 h  
after 2 h

**Overcoatable, 50% RH (dry film 40µm)**

by itself	
temperatura	+23 °C
min.	4 h
max.	unlimited

Given times relates to the recommended coating thickness, drying in good ventilation conditions. These times may change with a change of temperature, humidity, ventilation and the thickness of the coating. Increase in film thickness and rise in the relative humidity of the air in the drying space usually slow down the drying process.

**Thinner, clean up**

TEKNOSOLV 779, TEKNOSOLV 9502 ,TEKNOSOLV 1639

**Finish**

Gloss

**Colours**

The paint is included in the Teknomix tinting system. Standard colours by agreement.

**SAFETY MARKINGS**

See Safety Data Sheet.

**DIRECTION FOR USE****Surface preparation**

Remove from the surfaces any contaminants that might be detrimental to surface preparation and painting. Before cleaning of surface it is recommended to wash it with water with addition of OLICLEAN 123 and then rinse with fresh water.

**OLD PAINTED SURFACES SUITABLE FOR OVERCOATING:** Any impurities that might be detrimental to the application of paint (e.g. grease and salts) are removed. The surfaces must be dry and clean. Old, painted surfaces that have exceeded the maximum overcoating time are to be roughened as well. Damaged parts are prepared in accordance with the requirements of the substrate and the maintenance coating.

The place and time of the preparation are to be chosen so that the prepared surface will not get dirty or damp before the subsequent treatment.

**Application conditions**

The surface to be painted has to be dry. During the application and drying period the temperature of the ambient air, the surface and the paint shall be above 0°C and the relative air humidity below 80%.

Additionally the temperature of the surface to be painted and the paint must be at least 3°C above the dew point of the ambient air.

**Application**

Before use stir the paint thoroughly.

Apply by airless spray, brush or roller.

Use airless spray nozzle 0.013 - 0.015".

Nozzle pressure 10-15 MPa.

**ADDITIONAL INFORMATION**

The storage stability is shown on the label.

Must be stored tightly closed and kept cool and dry.

Additional instructive information for surface preparation can be found in standards EN ISO 12944-4 and ISO 8501-2.

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The information of this data sheet is normative and based on laboratory tests and practical experience. Teknos guarantees that the product quality conforms to our quality system. Teknos accepts, however, no liability for the actual application work, as this is to a great extent dependent on the conditions during handling and application. Teknos accepts no liability for any damage resulting from misapplication of the product. This product is intended for professional use only. This implies that the user possesses sufficient knowledge for using the product correctly with regard to technical and working safety aspects. The latest versions of Teknos data sheets, material safety data sheets and system sheets are on our home pages [www.teknos.com](http://www.teknos.com).

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