

<b>PAINT TYPE</b>	TEKNOCRYL AQUA 2731 is air-drying water borne topcoat.
<b>USAGE</b>	Topcoat for primed surfaces.
<b>SPECIAL PROPERTIES</b>	The product provides a glossy, elastic, and weather resistant and gloss durable surface. Resistant to oil and water.

**TECHNICAL DATA**

<b>Solids by volume</b>	35 % 30 % MP red 25101A		
<b>Total mass of solids</b>	480 g/l 350 g/l MP red 25101A		
<b>Volatile organic compound (VOC)</b>	20 g/l 10 g/l MP red 25101A		
<b>Recommended film thickness and theoretical spreading rate</b>	Dry film (µm) 50-60	Wet film (µm) 145-170 165-200 MP red 25101A	Theoretical spreading rate (m <sup>2</sup> /l) 6-7 5-6 MP red 25101A

As many of the paint's properties will change if too thick layers are applied, it is not recommended that the product is applied to a film thickness that is more than the 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 - flash off** 0 minutes

**Drying time at +23 °C / 50 % RH** 1 hour

**- overcoatable**

<b>With itself</b>		
	<b>+15 °C</b>	<b>+23 °C</b>
min.	3 hours	1 hour
max.	-	-

The values depend on the drying times and may vary depending on film thickness and drying.

**Thinner** Water.

**Clean up** Water with addition of TEKNOSOLV 6480-00.

**Finish** Gloss.

**Colours** Can be supplied in any colour required with reference to RAL, NCS S or other colour systems.

**HEALTH AND SAFETY** See Safety Data Sheet.

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

Remove from the surfaces any contaminants that might be detrimental to surface preparation and painting. Remove also water-soluble salts by using appropriate methods. The surface are prepared according to the different materials as follows:

**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.

**Cleaning of spray equipment before painting**

1. TEKNOCLEAN 6480-00
2. Water

**Application conditions**

The surface must be dry. When coating and curing the temperature of the air, paint and surface must be above 15 °C and the relative air humidity below 70 %.

**Application**

Stir the product well before use.

Apply the paint with conventional spray or airless spray. Use nozzle size 0.0009-0.013" for airless spraying.

Make sure that the compressed air is clean and that there is no lubricating oil in the pump. Use water or oil separator. The paint is sprayed evenly to the required thickness.

**Spraying booth**

To select suitable additives for the spray booth with water wall contact the supplier of these chemicals. Various types of water-borne paints often requires different additives, and therefore should be determined from case to case.

**Drying process**

Water and the film forming agents must be completely evaporated from the surface, which is painted with a water-borne paint before it is subjected to moisture and cold. Painted items must be in normal ventilation stored indoors at a temperature of min. + 20 °C for at least 40 hours.

The relative humidity must not exceed 60 % and the temperature must not fall below + 15 °C. Higher humidity reduces evaporation, thus prolonging the drying time. This can be counteracted by higher temperature and / or ventilation. Higher temperatures result in increased water saturation in the air, and the increased ventilation removes the water faster.

**ADDITIONAL INFORMATION**

Storage: See label.

Store in a tightly closed container.

The product must be stored frost-free.

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The above information is normative and based on laboratory tests and practical experiences. The information is noncommittal, and we cannot accept liability for the results obtained under working conditions beyond our control, and consequently the buyer or the user is not released from the obligation to test the suitability of our products for specific means and application methods under the actual application conditions. Our liability covers only damage caused directly by defects in the products supplied by Teknos. The latest versions of Teknos' Technical Data Sheets and Safety Data Sheets are available from our homepage [www.teknos.com](http://www.teknos.com).

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