



# TEKNOCHLOR 90

## Chlorinated Rubber Top Coat

<b>PAINT TYPE</b>	TEKNOCHLOR 90 is a chlorinated rubber top coat with gloss finish.
<b>USAGE</b>	Used as top coat in chlorinated rubber coating systems K4, K5, K9, K24 and K32 on metal surfaces. Also suitable for use on concrete whenever a barrier coat impervious to water vapour is wanted.
<b>SPECIAL PROPERTIES</b>	TEKNOCHLOR 90 provides good resistance to weather and to chemicals in form of splashes and dust and in many cases even on immersion. The resistance to oils and solvents is limited. The dry heat resistance is up to +60°C.

**TECHNICAL DATA**

<b>Solids</b>	42 ±2% by volume		
<b>Total mass of solids</b>	abt. 760 g/l		
<b>Volatile organic compound (VOC)</b>	abt. 520 g/l		
<b>Recommended film thickness and theoretical spreading rate</b>	Dry film (µm)	Wet film (µm)	Theoretical spreading rate (m <sup>2</sup> /l)
	40	95	10,5

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 40 µm)**

- dust free (ISO 9117-3:2010) after ½ h
- touch dry (ISO 9117-5:2012) after 2 h

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

surface temperature	by itself	
	min.	max.
<b>+5°C</b>	after 8 h	-
<b>+23°C</b>	after 4 h	-

Increase in film thickness and rise in the relative humidity of the air in the drying space usually slow down the drying process.

<b>Thinner, clean up</b>	TEKNOSOLV 9502, TEKNOSOLV 1639 or slowly evaporating TEKNOSOLV 1640
<b>Finish</b>	Gloss
<b>Colours</b>	The paint is included in the Teknomix tinting system.
<b>SAFETY MARKINGS</b>	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 surfaces are prepared according to the different materials as follows:

**CONCRETE SURFACES:** The concrete must be at least 4 weeks old, well-hardened and solid. The water content of the top layer must not exceed 4% by weight.

Smooth down any spatter and irregularities on the surfaces by grinding. Brush away loose cement, sand and dust. Wash oily and greasy surfaces with detergent or solvent. Remove dense laitance if present by etching with RENSA ETCHING etching liquid or by grinding or blast-cleaning.

**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 must be dry. During the application and drying period the temperature of the ambient air, the surface and the paint shall be above -10°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.

When painting below 0°C take special care that the surface to be painted is dry and no humidity will form on it.

**Application**

Before use stir the paint thoroughly.

Apply preferably by airless spray with nozzle 0.015". Concrete surfaces and small areas can be painted by brush or roller.

**ADDITIONAL INFORMATION**

The storage stability is shown on the label. Store in a cool place and in tightly closed containers.

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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