

**TEKNOCRYL AQUA PRIMER 96040,  
96045, 96055**  
(AQUA AIR PRIMER  
Primer)

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<b>TYPE</b>	TEKNOCRYL AQUA PRIMER (AQUA AIR PRIMER) is based on a combination of alkyd/acrylic.
<b>USE</b>	Is applied on metal, plastic and cast iron and wrought iron. For interior and exterior in systems with TEKNOCRYL AQUA (AQUA AIR TOPCOAT).
<b>SPECIAL PROPERTIES</b>	Provides excellent corrosion protection and good adhesion.

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**TECHNICAL DATA**

<b>Solids by volume</b>	35-50 %		
<b>Volatile organic compound (VOC)</b>	40-90 g/l depending on colour		
<b>Density</b>	1.05-1.50		
<b>Recommended film thickness and theoretical spreading rate</b>	Dry film (µm) 60	Wet film (µm) 120-170	Theoretical spreading rate (m <sup>2</sup> /l) 6.5-8.3
<b>Drying time at +20 °C / 40-60 % RH (170 µm wet film)</b>			
- dust free	30-60 min.		
- surface dry (ISO 1517)	1-2 hours		
	It is essential that drying time and temperature are kept at the recommended film thicknesses otherwise the formations of cracks might occur.		
<b>- overcoatable</b>	Overcoatable with itself after min. 2 hours and max. 7 days.		
<b>Drying time – stoving or forced drying 40-100 °C</b>	De-aeration time: 10 min. Stoving time: 20-40 min.		
	Ventilation during drying is necessary.		
<b>Thinner</b>	Water.		
<b>Cleaning</b>	Water or TEKNOCLEAN 90900-00 G 5798.		
<b>Gloss (60°)</b>	5-20		
<b>Colour range</b>	Black, grey, rose or by agreement.		
<b>Storage</b>	See page 2.		
<b>HEALTH AND SAFETY</b>	See Safety Data Sheet.		

**INSTRUCTION FOR USE**

**Surface preparation**

The surface must be clean, dry and free from grease, oil, rust and iron scale.

**Cold-rolled steel:** Degreasing and phosphatizing.

**Hot-rolled steel:** Abrasive blasting to preparation grade SA 2½ (ISO 8501-1:1988).

**Galvanized steel:** Please contact our technical department for further information.

**Other surfaces:** Cast and wrought iron.

**Application conditions**

Application to follow right after the surface preparations. When coating the temperature of the ambient air, paint and surface must be above 15 °C and the relative humidity below 80 %.

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

**Application**

	<u>Equipment</u>	<u>Nozzle</u>	<u>Rotation viscosity</u> R4/60	<u>Viscosity</u> DIN 4, 20 °C
- <b>Spraying</b>	Airmix	0.009"-0.015"	14-1800 cP	40-120 s
	Airless	0.009"-0.015"	14-1800 cP	40-120 s
	Air spraying	0.009"-0.015"	14-1800 cP	40-120 s
- <b>Dipping</b>				15-35 s

**ADDITIONAL INFORMATION**

The storage stability is shown on the label.  
Store in a tightly closed container.

The product must be stored at temperatures between +5 °C and +25 °C.

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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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