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<b>PRODUCT NAME</b> 03      24.02.2022	<b>TEKNOCRYL AQUA 2935-20</b>		
<b>PRODUCT DESCRIPTION</b>	TEKNOCRYL AQUA 2935-20 is an air drying, water dilutable acrylic top coat. Contains corrosion protective pigments.		
<b>INTENDED USE</b>	TEKNOCRYL AQUA 2935-20 is used as a one coat for metal surfaces.		
<b>SPECIAL CHARACTERISTICS OF THE COATING</b>	<ul style="list-style-type: none"> <li>- fast drying.</li> <li>- high layer thicknesses can be achieved without cracks</li> </ul>		
<b>TECHNICAL DATA</b>			
<b>Solid content</b>	53 ± 2 by weight.-% 40 ± 2 by volume.-%		
<b>Density (ready-made system)</b>	1.24 ± 0.05 g/cm <sup>3</sup>		
<b>Volatile organic compound (VOC)</b>	approx. 69 - 72 g/l		
<b>Recommended film thickness and theoretical spreading rate</b>	dry film (µm)	wet film (µm)	Theoretical spreading rate (m <sup>2</sup> /kg)
	60	150	5.5
	80	200	4.1
	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.		
<b>Practical spreading rate</b>	The values depend on application technique, surface conditions, overspray, etc.		
<b>Drying time, +23°C / 50 % RH (dry film thickness 60 µm)</b>			
<ul style="list-style-type: none"> <li>- dust dry (ISO 1517:1973)</li> <li>- touch dry (DIN 53150:1995)</li> <li>- stackable</li> </ul>	after 30 min after 90 min 60°C 30 min		
<b>Overcoatable, 50 % RH (dry film thickness 60 µm)</b>			
	with itself or with topcoats of the TEKNOCRYL-series		
	Surface temperature	min.	max.
	+23°C	5 h	-
	The given values of drying time and overcoatability can change due to film thickness and drying conditions.		
<b>Diluent / thinner and cleaning of equipment</b>	Demineralized water		
<b>Gloss</b>	Matt		
<b>Colorshades</b>	RAL 7021 and RAL 9005		
<b>SAFETY MARKINGS</b>	See Material safety data sheet		

<b>DIRECTION FOR USE</b>	
<b>Surface preparation</b>	<p>Remove from the surface any contaminants that might be detrimental to surface preparation and coating. Remove also water-soluble salts by using appropriate methods. The surface should be prepared as follows:</p> <p><b>STEEL SURFACES:</b> Remove mill scale and rust by blast cleaning to preparation grade Sa 2½ (standard ISO 8501-1). Roughening the surface of thin-plate improves the adhesion of the paint to the substrate.</p> <p><b>ZINC SURFACES:</b> Hot-dip-galvanized steel structures that are exposed to atmospheric corrosion can be painted if the surfaces are sweep blasted (SaS) till matt all over. Suitable blasting agents are, e.g. aluminium oxide and natural sand. It is not recommended to paint galvanized objects that are subjected to immersion strain. It is recommended that new zinc-coated thin-plate structures are treated with sweep blast-cleaning (SaS). Surfaces that have been weathered to matt can be treated also with PELTIPESU Cleaning Agent.</p> <p><b>ALUMINIUM SURFACES:</b> Surfaces that are exposed to weathering are also roughened up with sweep blast-cleaning (AlSaS) or sanding.</p> <p><b>OLD PAINTED SURFACES SUITABLE FOR OVERCOATING:</b> Any impurities that might be detrimental to the application of paint (e.g. grease and salts) are to be removed. The surface must be dry and clean. Old, painted surfaces that have exceeded the maximum over coating time are to be roughened as well.</p> <p>The place and the time of the preparation are to be chosen so that the prepared surface will not get dirty or damp before subsequent treatment.</p>
<b>Application conditions</b>	<p>The surface to be painted must be dry and the relative air humidity between 40-70%. During the application and drying period the temperature of the ambient air and the surface shall be at least 15°C and the temperature of the paint must be at least 3°C above the dew point of the ambient air.</p>
<b>Application</b>	<p>Before use stir the paint thoroughly.</p> <p>For application an airmix / airless spraying equipment should be used (nozzle 0.011-0.018").</p> <p>The paint should be sprayed in a uniform layer to the required film thickness. Please care special attention to edges, corners and welded seams. Small areas can be painted by brush, but then apply an extra layer to achieve the required film thickness.</p>
<b>Drying</b>	<p>The forming agent must be completely evaporated in water-based paints from the paint before it dries out and cools. Painted parts must remain inside with normal ventilation at a temperature of at least + 20 ° C for over 40 hours.</p>
<b>ADDITIONAL INFORMATION</b>	<p>The storage stability is shown on the label. Store in a cool place and in a tightly closed can. It is a recommend to use it in the space of 14 days</p> <p>You can find instructions about the surface preparation in the norms EN ISO 12944-4 and ISO 8501-2.</p>

The information on 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 regarding technical and working safety aspects. The latest version of Teknos data sheets, material safety data sheets and system sheets are on our homepage [www.teknos.com](http://www.teknos.com).