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<b>PRODUCT NAME</b> 02 17.05.2017	<b>TEKNOTHERM AQUA 4757</b>		
<b>PRODUCT DESCRIPTION</b>	Waterborne stoving enamel based on polyester resin for dipping applications.		
<b>INTENDED USE</b>	Topcoat for steel and light alloy metal.		
<b>SPECIAL CHARACTERISTICS OF THE COATING</b>	Good adhesion to steel, aluminium and zinc surfaces. Provides a good scratch and impact resistance combined with a good flexibility. Resistant to water, oil, weak acids and bases. Good weather resistance.		
<b>TECHNICAL DATA</b>			
<b>Density (ready-made system)</b>	1,1 ± 0,1 g/cm <sup>3</sup> , depending upon the colorshade.		
<b>Solid content</b>	35 ± 5 by weight-%, depending upon the colorshade. 30 ± 5 by volume-%, depending upon the colorshade.		
<b>Volatile organic compound (VOC)</b>	110 ± 30 g/l, depending upon the colorshade		
<b>Recommended film thickness and theoretical spreading rate</b>	dry film (µm)	wet film (µm)	Theoretical spreading rate (m <sup>2</sup> /kg) (m <sup>2</sup> /l)
	30	97	8,6 9,5
	40	130	6,5 7,2
	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 30 µm)</b>			
- <b>drying condition</b>	Flash off: 10 min Curing temperature: 150°C (substrate) Curing time: 15 min		
<b>Overcoatable, 50 % RH (dry film thickness 20 µm)</b>			
	with itself after curing		
<b>Cleaning of equipment</b>	Deionised Water		
<b>Gloss</b>	Semigloss, glossy (depending on the colour shade)		
<b>Colorshades</b>	RAL 9005		
<b>SAFETY MARKINGS</b>	See Material safety data sheet		
<b>DIRECTION FOR USE</b>			
<b>Surface preparation</b>	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 pretreated as follows: Ironphosphate or Zincphosphate.		
<b>Application conditions</b>	The surface to be painted must be dry and the relative air humidity below 80%. During the application and drying period the temperature of the ambient air and the surface shall be at least above +10°C and the temperature of the paint must be at least 3°C above the dew point of the ambient air.		
<b>Application</b>	Before use stir the paint thoroughly. Recommended application: dipping		
<b>ADDITIONAL INFORMATION</b>	The storage stability is shown on the label. Store indoors and in a tightly closed can. Avoid freezing and temperatures above 40 °C.		

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 with regard to 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).