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<b>PRODUCT NAME</b> 06 17.05.2019		<b>Teknoseal 1271-01</b>	
<b>PRODUCT DESCRIPTION</b>		TEKNOSEAL 1271-01 is a one-pack etching primer, a so-called wash primer. The paint is intended for chemical pretreatment of steel, zinc and aluminium surfaces subjected to weathering, when the surfaces cannot be pretreated mechanically.	
<b>SPECIAL CHARACTERISTICS OF THE COATING</b>		TEKNOSEAL 1271-01 improves the adhesion of the topcoat to the metal surface and isolates the paint film from the reactive metal and its corrosion products. Can be overcoated with one- and two-pack water-borne and solvent-borne paints, and with powder coatings. The paint withstands dry heat up to 180°C. The product does not contain chromate.	
<b>TECHNICAL DATA</b>			
<b>Solid content</b>		34 ± 2% by weight 21 ± 2% by volume	
<b>Density</b>		1,03 ± 0,05 g/cm <sup>3</sup>	
<b>Volatile organic compound (VOC)</b>		Approx. 680 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)
		10	48
		20	95
		The recommended maximal film thickness is 20 µm dry 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 20 µm)</b>			
- dust dry (ISO 1517:1973)		30 min	
- touch dry (DIN 53150:1995)		30 min	
<b>Overcoatable, 50 % RH (dry film thickness 20 µm)</b>			
		with itself, TEKNODUR Series or INFRALIT mixed powder	
		Surface temperature	min. max.*
		+23°C	30 -
		* Maximal overcoating interval without roughening. Increase in film thickness and rise in the relative humidity of the air in the drying space usually slow down the drying process.	
<b>Diluent / thinner</b>		TEKNOSOLV 6740, TEKNOSOLV 9514 or TEKNOSOLV 9506	
<b>Gloss</b>		matt	
<b>Colorshades</b>		RAL 7035, 7032, 7040 and others on request	
<b>SAFETY MARKINGS</b>		See Material safety data sheet	
<b>DIRECTION FOR USE</b>			
<b>Surface preparation</b>		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 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.	
<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 above +5°C and the temperature of the paint must be at least 3°C above the dew point of the ambient air.	
<b>Application</b>		Apply the paint with brush, conventional spray or airless spray. Airless spray nozzle 0.009- 0.013. Apply a coat that is as even and thin as possible. The paint can be thinned without restrictions in order to achieve a thin film. When painting under a powder coating the maximal allowed film thickness is 10µm, and then the paint is to be thinned by 30 - 50%.	

<b>ADDITIONAL INFORMATION</b>	The storage stability is shown on the label. Store in a cool place and in a tightly closed can. 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 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).