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PRODUCT NAME 02 09.05.2017	TEKNOLAC PRIMER 2275		
PRODUCT DESCRIPTION	TEKNOLAC PRIMER 2275 is an air-drying primer based on alkyd resins and corrosion pigments.		
INTENDED USE	Can be used as a primer or single-layer coating for indoor and outdoor use on steel, aluminium and zinc surfaces.		
SPECIAL CHARACTERISTICS OF THE COATING	Fast drying Good corrosion protection Good sagging resistance		
TECHNICAL DATA			
Density	1,3 ± 0,1 g/cm ³		
Solid content	58 ± 3 by weight.-% 40 ± 3 by volume.-%		
Volatile organic compound (VOC)	Approx. 540 g/l		
Recommended film thickness and theoretical spreading rate	dry film (µm)	wet film (µm)	Theoretical spreading rate (m ² /kg)
	40	100	7,3
	60	150	4,9
	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 application technique, surface conditions, overspray, etc.		
Drying time, +23°C / 50 % RH (dry film thickness 60 µm)			
- dust dry (ISO 1517:1973)	approx. 20 min		
- touch dry (DIN 53150:1995)	approx. 60 min.		
Overcoatable, 50 % RH (dry film thickness 60 µm)			
	with itself or with topcoats of the TEKNODUR-series		
	Surface temperature	min.	max.
	+ 23°C	After 1 h	-
	The given values of drying time and overcoatability can change due to film thickness and drying conditions. Increase in film thickness and rise in the relative humidity of the air in the drying space usually slow down the drying process.		
Diluent / thinner	e.g. TEKNOSOLV 6740		
Cleaning of equipment	e.g. TEKNOSOLV 6740		
Gloss	mat		
Colorshades	RAL 7032, 7001 and others on request		
SAFETY MARKINGS	See Material safety data sheet		

DIRECTION FOR USE	
Surface preparation	<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>STEEL SURFACES: 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>ZINC SURFACES: Hot-dip-galvanized steel structures that are exposed to atmospheric corrosion can be painted if the surfaces are sweep blast-cleaned (SaS) till matt all over. Suitable cleaning agents are, e.g. aluminium oxide and natural sand. It is not recommended to paint galvanized objects that are subjected to immersion strain.</p> <p>It is recommended that new zinc-coated thin-plate structures are treated with sweep blast-cleaning (SaS).</p> <p>ALUMINIUM SURFACES: Treat the surfaces. Surfaces that are exposed to weathering are also roughened up with sweep blast-cleaning (AlSaS) or sanding.</p> <p>OLD PAINTED SURFACES SUITABLE FOR OVERCOATING: 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 overcoating time are to be roughened as well. Damaged parts are prepared in accordance with the requirements of the substrate and the maintenance coating.</p>
Application conditions	<p>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 5°C. The relative humidity should not exceed 80%. The temperature of the paint must be at least 3°C above the dew point of the ambient air.</p>
Application	<p>Before use stir the paint thoroughly.</p> <p>Apply the paint with brush, conventional spray or airless spray. Airless spray nozzle 0.013- 0.017.</p> <p>Before use clean the spray gun and paint vessels with the paint's own thinner.</p>
ADDITIONAL INFORMATION	<p>The storage stability is shown on the label. Store in a cool place and in a tightly closed can.</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 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.