

TEKNOCRYL PRIMER 25-11

Primer

TEKNOCRYL PRIMER 25-11 is a one-pack fast drying acrylic primer.

The paint is mainly suitable for use on zinc-coated surfaces but it has good adhesion to most substrates. Very suitable for surfaces exposed to moisture or dampness.

Very good adhesion to most metal surfaces. Good anticorrosive properties and also very good water and alkali resistance.



TECHNICAL DATA

Recommended substrate	Aluminium, Steel, Zinc		
Binder	Acrylic		
Solids	Approx. 48% by volume		
Total mass of solids	Approx. 736 g/l		
Volatile organic compound (VOC)	Approx. 460 g/l (DIRECTIVE 2010/75/EU) The VOC value provided is the average value for factory produced products, and consequently it will be subject to variations between individual products covered by this Technical Data Sheet.		
Theoretical spreading rate	Dry film (µm)	Wet film (µm)	Theoretical spreading rate (m²/l)
	60	125	8.0
	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 the application technique, surface conditions, overspray, etc.		
Colours	Grey.		
Gloss (60°)	Matt		
Thinner	TEKNOSOLV 1639		
Storage	The storage stability is shown on the label. Must be stored tightly closed and kept cool.		

DIRECTION FOR USE

Surface preparation

Remove from the surfaces any contaminants that might be detrimental to surface preparation and application. Remove also water-soluble salts by using appropriate methods. The surfaces are prepared according to the different materials as follows:

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.

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 according to standard ISO 12944-5 to paint hot-dip-galvanized objects that are subjected to immersion strain. Painting of hot-dip-galvanized objects that are subjected to immersion strain must be discussed separately with Teknos.

ALUMINIUM SURFACES: Treat the surfaces with RENSA STEEL washing agent. Surfaces that are exposed to weathering are also roughened up with sweep blast-cleaning (AlSaS) or sanding.

OLD PAINTED SURFACES SUITABLE FOR OVERCOATING: Any impurities that might be detrimental to the application of paint (e.g. grease and salts) are removed. The surfaces 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.

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.

Additional instructive information for surface preparation can be found in standards EN ISO 12944-4 and ISO 8501-2.

Prefabrication primer: KORRO PVB, KORRO E epoxy, KORRO SE zinc epoxy and KORRO SS zinc silicate prefabrication primers can be used, when required.

Application method

Airless spraying

Application	Stir thoroughly before use. Apply preferably by airless spray as only this method provides the recommended film thickness in a single operation. Suitable airless nozzle size 0.015". Brush can be used for touching up and painting small areas.		
Application conditions	The surface to be treated must be dry. During the application and drying period the temperature of the ambient air, the surface and the paint shall be above 0°C and the relative air humidity below 80%. Additionally, the temperature of the surface to be treated and the product must be at least +3°C above the dew point of the ambient air.		
Drying time	+20°C / 60% RH		
- dry to handle	30 min		
- overcoatable	1 h		
- forced drying	80°C / 20 min		
Overcoatable	surface temperature	by itself, GRANUWEX, GRANUWEX COMBI	
		min.	max.
	0°C	6 h	-
	+23°C	3 h	-
	Increase in film thickness and rise in the relative humidity of the air in the drying space usually slow down the drying process.		
Cleaning	TEKNOSOLV 1639		

HEALTH AND SAFETY

Safety and precaution measures See safety data sheet.

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