

TEKNOLAC 0191

Alkyd top coat

TEKNOLAC 0191 is an air-drying alkyd-based top coat.

Use: Top coating of steel objects for both indoor and outdoor use.



The paint dries quickly and has very good weathering properties. It gives very good protection against corrosion in systems together with e.g. TEKNOLAC PRIMER 0168.

TECHNICAL DATA

Recommended substrate	Steel		
Binder	Alkyd		
Solids	46 ±2% by volume (ISO 3233)		
Total mass of solids	Approx. 600 g/l		
Volatile organic compound (VOC)	Approx. 500 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)
	40	86	11.5
	60	130	7.7
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	Standard colours by agreement.		
Tinting system	Teknomix; Teknotint		
Gloss (60°)	Gloss		
Thinner	TEKNOSOLV 1639 - fast thinner TEKNOSOLV 1640 - slow thinner for better levelling and less risk of dry spray		
Storage	The storage stability is shown on the label. Store in a cool place and in tightly closed containers.		

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:

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.

Prefabrication primer: KORRO PVB Prefabrication Primer and KORRO E Epoxy Prefabrication Primer can be used, when required.

Application method

Airless spraying, Air-assisted airless spraying
Suitable airless nozzle size 0.013 - 0.018".

Application

Stir thoroughly before use.

Spray evenly to the specified film thickness. Special care should be taken when spraying edges, corners and welding joints. Small areas can also be painted with a brush, but in this case one additional coat has to be applied in order to achieve the specified film thickness.

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 product shall be above +5°C and the relative air humidity below 80%.

Drying time	+23 °C / 50% RH				
- touch dry	40 µm: 45 min 60 µm: 60 min				
Overcoatable	surface temperature	by itself		by TEKNOSYNT 90, TEKNOSYNT COMBI 1277 or FUTURA 90	
		min.	max.	min.	max.
	+5 °C	before 8 h or only after at least 12 d	-	4 h	-
	+23 °C	before 4 h or only after at least 4 d	-	2 h	-
The values given for drying times and overcoatability may vary depending on film thickness and drying conditions.					

Cleaning TEKNOSOLV 1639, TEKNOSOLV 1640

HEALTH AND SAFETY

Safety and precaution measures

See safety data sheet.

NOTE! Because of the danger of spontaneous combustion, any waste from the product, spray mist and soiled rags etc. are to be kept in a fire-proof place in air-tight containers. Immersion in water is also recommended.

Teknos Group Oy Takkatie 3, P.O.Box 107 FI-00371 Helsinki, Finland Tel. +358 9 506 091

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