

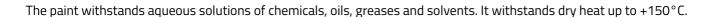
TEKNOS

INERTA 50

Epoxy top coat

INERTA 50 is a gloss two-pack epoxy top coat.

Used as a top coat in chemical resistant Epoxy Coating System.



SSG 1026-TA



The paint comes up to the specifications of Swedish Standard SSG 1026-TA.



Certificates, approvals and

classification						
Recommended substrate	Steel					
Binder	Ероху	Ероху				
Solids	48 ±2% by volume	48 ±2% by volume				
Total mass of solids	Approx. 700 g/l	Approx. 700 g/l				
Volatile organic compound (VOC)	Approx. 480 g/l (Theoretical) (DIRECTIVE 2010/75/EU)					
	Approx. 386 g/l (Tested according to China GB/T 23985-2009)					
	The VOC value provided is th	ne average value for facto	ry produced products, and			
	consequently it will be subject to variations between individual products					
	covered by this TDS.	covered by this TDS.				
Theoretical spreading rate	D (1) ()		Theoretical spreading rate			
	Dry film (µm)	Wet film (µm)	(m²/l)			
	40	83	12.0			
	50	104	9.6			
	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.					
	than double of the thickest i	recommended film.				
Practical spreading rate	than double of the thickest in the values depend on the a		ace conditions, overspray			
Practical spreading rate			ace conditions, overspray,			
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Practical spreading rate Colours	The values depend on the apetc.	pplication technique, surfa	• •			
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Thinning



Pot life, +23°C	6 h		
Thinner	TEKNOSOLV 9506		
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.		
	Additional instructive information for surface preparation can be found in standards EN ISO 12944-4 and ISO 8501-2.		
Application method	Airless spraying, Brush		
Application	MIXING OF THE COMPONENTS: Take into consideration the pot life of the mixture when estimating the amount to be mixed at a time. Before application the base and hardener are mixed in right proportion. Stir thoroughly down to bottom of the vessel. Inadequate stirring or incorrect mixing ratio results in imperfect curing and impaired film properties.		
	Stir thoroughly before use.		
	Apply by airless spray or brush. Suitable airless nozzle size 0.011 - 0.015".		
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 +10°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.		

If needed, thin the paint with TEKNOSOLV 9506.



Drying time

- dust free

- touch dry

- fully cured

Overcoatable

+23°C / 50% RH (dry film 40 μm)

1 h (ISO 9117-3:2010)

6 h (ISO 9117-5:2012)

7 d

surface temperature	by itself, FOR OBJECTS IN ATMOSPHERIC EXPOSURE		by itself, FOR SUBMERGED OBJECTS	
	min.	max.*	min.	max.*
+10°C	24 h	3 months	36 h	7 d
+23°C	12 h	3 months	12 h	7 d

^{*} Maximum 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.

Cleaning TEKNOSOLV 9506

HEALTH AND SAFETY

Safety and precaution measures See safety data sheet.

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