

INERTA 70 CAMOUFLAGE PAINT

Camouflage paint

INERTA 70 is a polyurethane camouflage paint.

Used as topcoats in e.g. Camouflage Coating Systems K110, K110B, K111, K111B, K113 and K113B.

The paint contains special reflection properties.



TECHNICAL DATA

Certificates, approvals and classification	Finnish Defence Force								
Recommended substrate	Steel								
Binder	Polyurethane								
Solids	40 ±2% by volume								
Total mass of solids	Approx. 560 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	<table border="1"> <thead> <tr> <th>Dry film (µm)</th> <th>Wet film (µm)</th> <th>Theoretical spreading rate (m²/l)</th> </tr> </thead> <tbody> <tr> <td>40</td> <td>100</td> <td>10.0</td> </tr> </tbody> </table>	Dry film (µm)	Wet film (µm)	Theoretical spreading rate (m ² /l)	40	100	10.0	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.	
Dry film (µm)	Wet film (µm)	Theoretical spreading rate (m ² /l)							
40	100	10.0							
Practical spreading rate	The values depend on the application technique, surface conditions, overspray, etc.								
Colours	Basic colours: AN11, AN22, AN33, AN44 RAL-1039-F9, RAL-6031-F9, RAL-6040-F9, RAL-8027-F9, RAL-9021-F9 MN048, MN049, MN062, MN072 Additional colours: According to customer needs.								
Gloss (60°)	Full-matt, semi-matt depending on colour.								
Hardener	Comp. B: INERTA 70 HARDENER								
Mixing ratio (A:B)	8:1 parts by volume								
Pot life, +23 °C	6 h								

Thinner	TEKNOSOLV 9521, TEKNOSOLV 9502.
Storage	The storage stability is shown on the label. Store in a cool place and in tightly closed containers.

DIRECTION FOR USE

Surface preparation	PRIMED SURFACES: Degrease and clean the dirt off. Dry the surfaces and clean off the dust and other foreign matter before painting. The surfaces are sanded if required.
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Additional instructive information for surface preparation can be found in standards EN ISO 12944-4 and ISO 8501-2.

Application method	Conventional spraying, Airless spraying
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 the bottom of the vessel. Inadequate stirring or incorrect mixing ratio results in imperfect curing and impaired film properties. Stir thoroughly before use.

Apply by conventional spray or airless spray. 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 +5°C and the relative air humidity below 80%.
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Drying time	+23°C / 50% RH (dry film 40 µm)
- dust free	15 min (ISO 9117-3:2010)
- touch dry	1 h (ISO 9117-5:2012)

Overcoatable	by itself or by TEKNODUR 0210 camouflage clear varnish		
	surface temperature		
		min.	max.
	+5°C	1 d	-
	+23°C	6 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	TEKNOCLEAN 6496
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HEALTH AND SAFETY

Safety and precaution measures	See safety data sheet.
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