

PAINT TYPE	2-pack reaction drying polyurethane. IR reflective topcoat.
USE	Topcoat for metal and synthetics. IR reflective mist coat for military vehicles and equipment. Topcoat for corrosion class 2, 3 and 4a epoxy polyurethane systems referring to FS 8010-0052.
SPECIAL PROPERTIES	Gives a mat, full, hard and scratch-resistant surface. Resistant to weak acids, bases, oil, petrol, white spirit, propylene glycol and calcium hypochlorite. Excellent weather resistance. Yellowing-, chalking- and gloss resistant. For internal use if an abrasion resistant and robust surface is required.

TECHNICAL DATA

Hardener	For this product use TEKNODUR HARDENER 7310-00. (Aliphatic)																		
Mixing ratio by volume	Weight and volume ratio is stated on the label of the base coat.																		
Pot life, +23 °C	Approx. 6 hours.																		
Solids	Approx. 55 %																		
Total mass of solids	950 g/l																		
Volatile organic compound (VOC)	470 g/l																		
Recommended film thickness and theoretical spreading rate	Dry film (µm) 40	Wet film (µm) 80	Theoretical spreading rate (m ² /l) 13-14																
Drying time at +23 °C / 50 % RH	- dust free (ISO 1517) Approx. 1 hour - touch dry (ISO 3678) Approx. 4 hours - dry through 7 days																		
Drying time at +80 °C / 50 % RH	Dry through after 30 minutes.																		
- overcoatable	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="4">by itself and TEKNOLAC 2190</th> </tr> <tr> <th colspan="2">+ °C</th> <th colspan="2">+23 °C</th> </tr> </thead> <tbody> <tr> <td>min.</td> <td>-</td> <td colspan="2">3 hours</td> </tr> <tr> <td>max.</td> <td>-</td> <td colspan="2">36 hours</td> </tr> </tbody> </table>			by itself and TEKNOLAC 2190				+ °C		+23 °C		min.	-	3 hours		max.	-	36 hours	
by itself and TEKNOLAC 2190																			
+ °C		+23 °C																	
min.	-	3 hours																	
max.	-	36 hours																	
Thinner	See page 2.																		
Clean up	TEKNOSOLV 6220-00.																		
Finish	Mat, 5-10.																		
Colours	MGK-93 dark green																		
	Note! The spectral graph is approved on steel applied 40 µm primer in the colour oxide red TS 0482.																		

Primer	<p>Max. adhesion and protection against corrosion is achieved by using one of the following primers:</p> <p><u>Steel and aluminium</u> TEKNODUR PRIMER 3420-00 (polyurethane) or INERTA PRIMER 3210-01 (epoxy)</p> <p><u>Zinc:</u> INERTA PRIMER 3210-01 (epoxy)</p>		
Storage	See additional information.		
HEALTH AND SAFETY	See Safety Data Sheet.		
DIRECTION FOR USE			
Surface preparation	<p>The substrate must be free from grease and dust.</p> <p>Exceeding of the max. re-coating interval requires grinding before re-coating of primed and coated surfaces. The surface must be free from dirt.</p>		
Mixing of the components	<p>To achieve a satisfactory result, it is important that the hardener is mixed correctly; incomplete stirring or incorrect dosage may result in the product not curing correctly, which will detract from the properties of the product. 15 minutes after the addition of hardener the viscosity increases. Final adjustment of the spraying viscosity has to be made after this time period.</p>		
Application conditions	<p>The surface to be painted must be dry. When coating and curing the temperature of the air, paint and surface must be above +10 °C and the relative air humidity below 80 %.</p>		
Application	<u>Equipment</u>	<u>Thinner</u>	<p>Suggested viscosity <u>DIN-cup 4 mm 20 °C</u> Delivery viscosity</p>
	Brush/roll	TEKNOSOLV 6290-00	18-25 s
	Air spraying	TEKNOSOLV 6220-00	20-30 s
	Airmix/Aircoat	TEKNOSOLV 6220-00	25-40 s
	Airless (nozzle 0.009" - 0.013")	TEKNOSOLV 6220-00	
ADDITIONAL INFORMATION	<p>Adhesion and compatibility to plastic types should be tested before application as variation may occur, dependent upon the type of plastic.</p> <p>Storage: See label. Store in a tightly closed container.</p>		

The above information is normative and based on laboratory tests and practical experiences. The information is noncommittal, and we cannot accept liability for the results obtained under working conditions beyond our control, and consequently the buyer or the user is not released from the obligation to test the suitability of our products for specific means and application methods under the actual application conditions. Our liability covers only damage caused directly by defects in the products supplied by Teknos. The latest versions of Teknos' Technical Data Sheets and Safety Data Sheets are available from our homepage www.teknos.com.
