

PAINT TYPE	2-component epoxy primer.
USE	Primer for military metal equipment. Primer for corrosion class 2, 3 and 4a epoxy polyurethane systems according to FS 8010-0052.
SPECIAL PROPERTIES	Excellent adhesion to steel, aluminium and zinc coated surfaces. Good resistance against mechanical damage, solvents, chemicals & oils. The thixotropic nature of the product provides good security against sags if applied to high film builds.

TECHNICAL DATA

Reactor	For this type use INERTA HARDENER 7200-00.		
Mixing ratio by volume	Volume 4: 1. (7.2 part base : 1.0 part reactor by weight)		
Pot life, +23 °C	Approx. 8 hours.		
Solids	Approx. 50 %		
Total mass of solids	1070 g/l		
Volatile organic compound (VOC)	430 g/l		
Recommended film thickness and theoretical spreading rate	Dry film (µm) 40 80	Wet film (µm) 80 160	Theoretical spreading rate (m ² /l) 13-14 6.5-7

Drying time at +23 °C / 50 % RH (80µm)

- dust free (ISO 1517) Approx. 1 hour
- touch dry (ISO 3678) Approx. 3 hours
- dry through 7 days

- overcoatable

		with itself		with TEKNODUR topcoat	
		+10 °C	+23 °C	+10 °C	+23 °C
min.	-	4 hours	-	4 hours	
max.	-	6 month (without matting)	-	3 days	

Thinner	See page 2.
Clean up	TEKNOSOLV 9506-00.
Finish	Mat, below 5.
Colours	Is only supplied in oxide red TS 0482.
Storage	See additional information.

HEALTH AND SAFETY See Safety Data Sheet.

DIRECTION FOR USE

Surface preparation

Remove from the surfaces any contaminants that might be detrimental to surface preparation and painting. Remove also water-soluble salts by using appropriate methods. Subsequently the surfaces are pre-treated.

Cold-rolled steel: Clean with suitable pre-treatment chemical agent.

Hot-rolled steel: Shot or abrasive blasting to preparation grade SA 2½ according to ISO standard 8501-1:1988.

Hot-zinc-coated steel (galvanized): Hot-zinc-coated 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 to paint zinc-coated objects that are subjected to immersion strain.

Aluminium: 1. Clean with suitable pre-treatment chemical agent followed by a sand wheel blasting to a smooth, mat surface. 2. Clean with suitable pre-treatment chemical agent followed by priming with TEKNOSEAL WASH FILLER 3090 (FS 8010-0170).

Recommended shop primer: KORRO SS 3120.

Mixing of the components

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 in-creases. Final adjustment of the spraying viscosity has to be made after the time period.

Application conditions

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 %.

Application

<u>Equipment</u>	<u>Thinner</u>	<u>Suggested viscosity</u> <u>DIN-cup 4 mm 20 °C</u>
Air spraying	9506-00	20-40 s
Airless (nozzle: 0.013" -0.018")	9506-00	Undiluted or up to approx. 5 % thinner

The primer can be applied with brush. Application with brush and roller requires approx. 5 % TEKNOSOLV 6680-00 thinner.

ADDITIONAL INFORMATION

Storage: See label.
Store in a tightly closed container.

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.