

## TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

### 2K ANTICORROSIVE EPOXY PRIMER 4:1 RANGERS



**Colour:** light grey

**GLOSS GRADE:** matt

#### PRODUCTS

Anticorrosion Epoxy Primer 4:1 Rangers  
Hardener 1:4 for Anticorrosion Epoxy Primer Rangers  
Thinner for epoxy products Rangers

#### PRODUCT DESCRIPTION

High-quality 2-component epoxy primer with anti-corrosion additives designed specifically for use under Rangers 2K polyurethane protective coating. It perfectly protects steel surfaces from corrosion in the automotive repair process, while strengthening and prolonging the anti-corrosive effect of the Rangers protective coating. At high dilution, it can be applied using wet-on-wet technique.

- Excellent protection of steel surfaces.
- Very high adhesion to various surfaces.
- Easy application process and smooth spreadability.

#### VOLATILE ORGANIC COMPOUNDS

VOC = 382 [g/l] (4:1+15%)

VOC = 430 [g/l] (4:1+25%)

VOC = 498 [g/l] (4:1+50%)

*This product meets the requirements of the European Union Directive (2004/42/EC/II B), which for this product category (e) sets the VOC value at 540 g/l.*

#### SURFACE PREPARATION







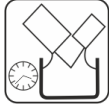

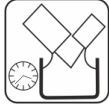

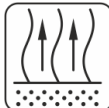








Rangers Anti-corrosive Epoxy Primer can be applied to:

- Steel and aluminum after matting and degreasing.
- Galvanized, galvanized steel after matting and degreased.
- Sanded polyester/glass laminates (GRP/GRP) and epoxy-glass.
- Polyester and epoxy putties.
- Old coatings in good condition after matting and degreasing.

Good surface preparation is necessary to achieve the best repair results.

We recommend sandpaper of the following gradation:

- Hand sanding (dry or wet): P280÷P320 (GRP P400).
- Machine sanding (dry): P180÷P220.

APPLICATION PROCESS			
	<b>USE</b>		
	For car repairs as a filling primer or isolation primer, for sending or wet wet technique.		
	<b>MIXING RATIO BY VOLUME</b>		
	Primer	4	
	<b>SRAYING VISCOSITY</b>		
	Hardener	1	
	Thinner	15÷50%	
	Stir thoroughly until achieving homogenous mixture.		
	<b>POT LIFE</b>		
	Approx. 3 hours at 20°C		
	<b>EVAPORATION TIME</b>		
	Between layers:	5 ÷10 minutes	
Before baking:	approx 10 minutes		
Before applying clear coat (wet on wet):	60÷120 minutes		
	Evaporation time depends on temperature and film thickness.		
	<b>DRY SANDING</b>		
	Machine sanding: P360÷P500. Hand sanding: P280÷P320.		
	<b>WET SANDING</b>		
	Machine sanding: P600÷P1000. Hand Sanding: P800÷P1000.		
	<b>WET SANDING</b>		

## FURTHER WORKS

The 2-component anti-corrosion epoxy primer can be directly applied over the 2-component epoxy primer:

- 2-component polyurethane protective coating Rangers.
- 2-component topcoats.
- 1-component basecoats.
- 2-component acrylic primers.
- 2-component polyester putties.
- 2-component epoxy putties.

## GENERAL NOTES

- Do not exceed recommended doses of the hardener!
- The best repair results can be achieved by painting at room temperature. The temperature in the body shop and the temperature of the product should be similar.
- When working with 2K products, it is recommended to use personal protection equipment. Protect the eyes and airways.
- The rooms should be well ventilated.
- Clean the guns and equipment immediately after use.

Caution: To maintain safety, always follow the instructions given in the MSDS for the products. Do not exceed recommended doses of hardener!

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## STORAGE

Store the product components between 15 to 25°C in a sealed container, in dry and cool places, away from fire and heat sources, as well as direct sunlight.

**Note:**

1. After each use close the container with products immediately.  
Protect the hardener against frost and humidity!

## WARRANTY PERIOD

Anti-corrosive Epoxy Primer 4:1	12 months from the date manufacture
Hardener 1:4 for Epoxy Primer	12months from the date manufacture
Thinner for Epoxy Primer Rangers	12months from the date manufacture

## PRODUCT

Anti-corrosive Epoxy Primer 4:1 Rangers  
Hardener 1:4 for Epoxy Primer Rangers  
Rangers epoxy primer thinner

## ART. NO.

## LIMITATION OF LIABILITY

The information contained in the TDS is up-to-date and correct on the day the information is released.

Because TROTON can not control or predict the conditions under which a product will be used, each user should review information in the specific context of the intended usage. To the maximum extent permitted by applicable law, TROTON shall not be liable for damages of any kind arising from the use or reliance on information contained in this TDS.

Given the variety of factors that can affect the usage and application of the TROTON product, some of which are only within the user's knowledge and control range, it is essential that the user evaluate the TROTON product to determine if the product is fit for a particular purpose and whether the product is suitable for the user's usage.

Under no circumstances shall TROTON be liable to the user or any third party for any indirect, derivative, incidental, special or punitive damages, including loss of profits resulting from the use of products manufactured by TROTON and / or TROTON's services.

All information is based on meticulous laboratory tests and many years of experience. An established position on the market does not release us from continuous quality control of our products. However, we are not responsible for the final effects of improper storage or use of our products, and for work that is not in line with good craftsmanship.

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