

# ANTIRUST EPOXY

## anti-corrosive epoxy two-pack primer

- outstanding anti-corrosive protection
- strong adhesion
- extreme chemical and mechanical resistance

Anti-corrosive epoxy two-pack undercoat for new or previously coated metal surfaces, weathered galvanized surfaces and other exterior and interior metal surfaces. Its strong anti-corrosive pigments protect metal surfaces against corrosion and rust in coastal environment or below the water line. Ideal for marine use and superstructures. Ensures a smooth surface for premium finish. Ideal undercoat for POLYGLOSS, ANTISKID polyurethane topcoats and TROPICAL antifouling paints.

<b>COVERAGE</b>	12±2m <sup>2</sup> /L
<b>FINISH</b>	SATIN
<b>THINNING</b>	5-15% THINNER 125
<b>DRYING TIMES</b>	1 hour*
<b>RECOATING TIMES</b>	2-4 hours*
<b>RECOMMENDED NUMBER OF COATS</b>	2 coats*
<b>TOOLS</b>	roller, brush or airless paint sprayer

\* Lower temperatures or higher relative humidity will prolong drying and recoating times.



### TECHNICAL CHARACTERISTICS

TYPE	TWO-PACK PRIMER, BASED ON EPOXY RESINS	
<b>SPECIFIC GRAVITY</b>	GREY 599	1.35 ±0.03gr/cm <sup>3</sup>
<b>SOLIDS w/w</b> (ISO 3251-03)	60±2 %	
<b>SOLIDS w/v</b> (ISO 3233-98)	48±3 %	
<b>VISCOSITY</b> (ASTM D 562-05 @ 25°C)	KU 80±10	
<b>APPLICATION VISCOSITY</b> (DIN 53211-70/4mm @ 20°C)	90±5 sec	
<b>MIX RATIO BY WEIGHT</b>	5 parts of component A and 1 part of component B	
<b>MIX RATIO BY VOLUME</b>	3 parts of component A and 1 part of component B	
<b>HIDING POWER</b> (ISO 3905)	93%   150µm wet film	
<b>GLOSS (60°)</b> (ISO 2813-99)	2.0±1	
<b>GLOSS (85°)</b> (ISO 2813-99)	10.0±1	
<b>RECOMMENDED DRY FILM THICKNESS</b>	110µm (±5µm) / 2 coats	
<b>HARDNESS (König)</b> (ISO 1522-00)	90±10 sec ,7days	
<b>APPLICATION TEMPERATURE</b>	min 5°C-max 30°C	

### REGULATION 2004/42/CE

EU Limit value for this product in a ready-to-use condition (cat A/j): two-pack reactive performance coatings for specific end-use such as floors): 500 g/L (2010). This product contains max: 499 g/L VOC.

## TECHNICAL DATA SHEET

EDITION: SEPTEMBER 2019

D599 | **ANTIRUST EPOXY**

REPLACES ALL EARLIER VERSIONS

METAL  
COATINGS  
&  
PRIMERS

D

### SURFACE PREPARATION

Carefully prepare surface to obtain good results. Surface must be clean, dry and free from loose or flaking material, dust, oils and salts.

- ▶ **New metal:**  
Degrease using THINNER 125. Prime with ANTIRUST EPOXY, 2 coats.
- ▶ **Previously painted metal surfaces:**  
Sand surface smooth and prime with ANTIRUST EPOXY, 2 coats.

### INTENDED USE

METAL

### APPLICATION

- ▶ Stir well component A before use to achieve homogeneity. Then, add component B progressively while constantly stirring.
- ▶ Make sure your tool has the adequate quantity of paint to cover an entire section. This practice should be strictly followed to obtain optimum results.
- ▶ Sand surface smooth with the right sandpaper for the task before painting.
- ▶ To prevent bubble forming during application, work in an area protected against direct sunlight if possible.
- ▶ Do not apply when ambient temperature and surface temperature is below 10°C, above 35°C and when relative humidity is above 70%.
- ▶ Adequate ventilation must be ensured due to the hazardous fumes generated during paint application.
- ▶ Mix ratio for ANTIRUST EPOXY:

BY VOLUME	3 parts 1 part	component A component B
BY WEIGHT	5 parts 1 part	component A component B

- ▶ Allow ANTIRUST EPOXY to dry. Sand surface smooth and remove sanding residue. Then, paint with the two-pack polyurethane paint of your choice (POLYGLOSS, ANTISKID, MONOTRETEN) or with TROPIKAL antifouling paints.

### USEFUL INFORMATION

- ▶ Ideal primer for metal surfaces on boat hulls.
- ▶ If more than 24 hours elapse after application of ANTIRUST EPOXY, it is best to sand the surface lightly before application of the top coat.

- ▶ Lower temperatures or higher relative humidity will prolong drying and recoating times, shortened in the opposite case.
- ▶ The painted surface acquires its final properties 7 days after application of the final coat.
- ▶ **Attention:** Mixed ANTIRUST EPOXY (components A + B) is polymerized (sets) in maximum 1.5 hours.

### PACKAGING

- ▶ Available in grey. Containers of 750ml and 2.5L.

### STORAGE

2 years if unopened and stored under normal storage conditions. Once opened, seal well and store in a closed place at room temperature between 5-30°C. Keep tightly closed after application for future use. Store in a cool place. Protect against freeze and direct sunlight.

### CLEAN-UP / DISPOSAL

Keep your tools wet inside the can when not painting. Rub excess paint off your tools on the side of the can after paint application. Clean immediately after use with THINNER 125. Do not empty washing liquids into the water table. Always handle empty containers and product carefully. Do not pour leftover product down the drain. Strictly follow local, regional, national regulations and legislation on the disposal of products and empty containers.

### HEALTH & SAFETY

Read carefully the safety instructions on the label. For more information, consult the Safety Data Sheet.



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