

# RAPTOR



## REP/1 - REP/3

# RAPTOR 2K Epoxy Anti-Corrosive Primer



## DESCRIPTION

The RAPTOR ANTI-CORROSIVE EPOXY PRIMER is a 2K high performance primer, specifically designed to be used under RAPTOR protective coating. It contains a blend of anti-corrosive additives to help inhibit rust and corrosion and has excellent salt spray resistance\*.

RAPTOR ANTI-CORROSIVE EPOXY PRIMER's advanced resin technology improves adhesion to bare metal and most other prepared surfaces and promotes intercoat performance to further extend the life of RAPTOR protective coating.

\*Test completed at >1000 hours according to ASTM protocols (B117)

## FEATURES

- Easy to apply
- Excellent anti-corrosion resistance
- Good sanding
- Excellent topcoat gloss holdout
- Wet-on-wet process with a long open time for topcoat application
- Chromate and Lead free
- Excellent opacity and coverage

# TECHNICAL DATA SHEET

## REP/1 - REP/3

### RAPTOR 2K Epoxy Anti-Corrosive Primer

#### Product preparation - application STANDARD NON-SANDING



It is strongly recommended to use appropriate personal protection equipment during application to avoid respiratory, skin and eye irritation.



Bare steel sanded and cleaned  
Galvanised steel or aluminium sanded and cleaned  
Stainless steel, sanded and cleaned  
Glass fibre polyester substrates, free of release agents, sanded and cleaned.  
Coil coated, sanded and cleaned  
Surfaces pretreated with 2K polyester products and then finely sanded and cleaned.  
Sandblasted steel (SA 2.5)  
ABS - cleaned with waterbased degreaser and sanded with P320 grit. Reclean the substrate before painting.



	REP	REPH
<b>Mix by Volume</b>	2	1
<b>Final Volume</b>	<b>Weight of Epoxy Primer</b>	<b>Weight of Activator</b>
250ml / 8.5 FL OZ	271.1g	73.3g
500ml / 17 FL OZ	543.3g	146.7g
750ml / 25 FL OZ	815.0g	220.0g
1000ml / 34 FL OZ	1086.7g	366.7g
1250ml / 43 FL OZ	1358.3g	366.7g



at 20°C: 4 hr - 8 hr



	Spray nozzle	Spray pressure	
<b>Compliant</b>	1.3 - 1.6	2 - 2.5 bar	inlet pressure
<b>HVLP</b>	1.3 - 1.6	0.7 bar	atomisation pressure

see manufacturer's instructions



1 - 2 coats

with intermediate flash-off: 5 min - 10 min at 20°C  
final flash-off: 30 min - 3 days at 20°C



After 3 days curing, sand with P360 - P400 before application.



CV 2K Topcoat

VOC compliant

2004/42/IB(c)(540) 534: The EU limit value for this product (product category: IIB(c)) in ready to use form is maximum 540 g/l of VOC. The VOC content of this product in ready to use form is maximum 534 g/l.

# TECHNICAL DATA SHEET

## REP/1 - REP/3

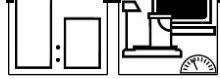
## RAPTOR 2K Epoxy Anti-Corrosive Primer

### Products

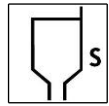
RAPTOR® Anti-Corrosive Epoxy Primer Grey: REP/1 - REP/3

RAPTOR® Anti-Corrosive Epoxy Primer Hardener: REPH/500 – REPH/1.5

### Product mix



Mixing ratios with special agents are available in the productmix table on Colorweb and in the specific TDS.



DIN 4: 18 - 24 s at 20°C



50 - 80 µm

### Theoretical coverage

370 - 380 m<sup>2</sup>/l at 1 micron dry film thickness

Due to different Activator characteristics and different mixing ratios of the ready-to-use mixture in some TDS versions, the theoretical coverage calculation may vary.

Note: The practical material consumption depends on several factors, e.g. geometry of the object, surface formation, application method, spray gun setting, inlet pressure, etc.



Clean after use with a suitable solvent based gun cleaner.

### Waste treatment

Dispose of contents / container to approved disposal companies or municipal collection points. Do not empty into drains.

### Remarks

- Material must be at room temperature (18-25°C) before use.
- Surplus ready for use material should not be returned to original can.
- Can not be applied over acid containing primers.
- Polyester putties can be applied over cured and sanded epoxy primer-surfacers.
- On sandblasted steel the recommended dry film thickness must be measured above the peaks.
- Mix thoroughly by hand before placing the can on mixing machine.
- For roller application: apply 3 light coats with a foam roller, allowing 1 hour flash off between coats.
- REP can be re-coated within 72 hours, without intermediate sanding.

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## RAPTOR 2K Epoxy Anti-Corrosive Primer

Consult Safety Data Sheet prior to use. Observe the precautionary notices displayed on the container.

All other products referred to in the refinish build up are from our brand product range. System properties will not be valid when the related material is used in combination with any other materials or additives which are not part of our brand product range, unless explicitly indicated otherwise.

For professional use only! The information provided in this documentation has been carefully selected and arranged by us. It is based upon our best knowledge on the subject at the date of issuance. The Information is given for information purposes only. We are not liable for its correctness, accuracy and completeness. It is up to the user to check the information with regard to up-to-dateness and suitability for his intended purpose. The intellectual property in this Information, including patents, trademarks and copyrights, is protected. All rights reserved. The relevant Material Safety Data Sheet and Warnings displayed on the product label need to be observed. We may modify and/ or discontinue operation of all or portions of this Information at any time in our sole discretion, without notice and assume no responsibility to update the Information. All rules set forth in this clause shall apply accordingly for any future changes and amendments.