

RAPTOR



UP4832 – UP4834

RAPTOR Anti-Corrosive Epoxy 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

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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 cleaned, sanded with P80 grit and re-cleaned.
 Galvanized steel or aluminum cleaned, sanded with P180 grit, and re-cleaned.
 Stainless steel, cleaned, sanded with P180 grit re-cleaned.
 Fiberglass, SMC, GRP polyester substrates, free of release agents, cleaned, sanded with P180- P220 grit, and re-cleaned.
 Coil coated, cleaned, sanded with appropriate grit and re-cleaned.
 2K polyester body filler, putties, spray polyester products, cleaned, sanded P180-P22, and re-cleaned.
 Sandblasted steel (SA 2.5)
 ABS - cleaned with water based degreaser and sanded with P320 grit. Reclean the substrate before painting.



	UP4832 or UP4834 Primer	UP4833 or UP4835 Hardener
Mix Ratio by Volume 2:1	2	1
Final Volume	Weight of Epoxy Primer	Weight of Activator
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	293.3g
1250ml / 43 FL OZ	1358.3g	366.7g



at 68°F: 4 hr - 8 hr



	Spray nozzle	Spray pressure	
Compliant	1.3 - 1.6	2 - 2.5 Bar (29 – 36 PSI)	inlet pressure
HVLP	1.3 - 1.6	0.7 Bar (10 PSI)	atomization pressure

see manufacturer's instructions.



1 - 2 coats

with intermediate flash-off: 5 min - 10 min at 68°F
 final flash-off: 30 min - 3 days at 68°F



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



CV 2K Topcoat

VOC compliant

The Regulatory VOC content of this product in ready to use form is maximum 4.46 lbs/gallon (534 g/L). The Actual VOC content of this product in ready to use form is maximum 4.46 lbs/gallon (534 g/L).

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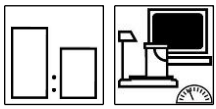
RAPTOR Anti-Corrosive Epoxy Primer

Products

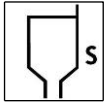
RAPTOR® Anti-Corrosive Epoxy Primer: UP4832 - UP4834

RAPTOR® Anti-Corrosive Epoxy Primer Hardener: UP4833 - UP4835

Product mix



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



ZAHN#2: 26 - 38 s at 68°F



50 - 80 µm (2 – 3.1 MIL)

Theoretical coverage

611 sq ft / US gal at 1 MIL dry film thickness. Recommended application 2 coats at 1 – 1.5 MIL dry film build per coat. 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 (64 – 77°F) 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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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.