

OR E41

Primer

Product Description

- Water Based, Epoxy Primer.
- Supplied in Two Parts: 1-Part A: 4- Part B.
- Part B – Pre-Pigmented Resin.
- Part A – Hardener.

Benefits and Properties at 73°F:

- Pot-life: 60 Minutes.
- Touch Dry: 30 Minutes, Recoat: 1 Hour, Top Coat up to 48 Hours
- Open to Foot Traffic: 2 Hours, depending on film thickness.
- Excellent Adhesion to most metal & polymer roofing.
- Low VOC (47 to 49 grams per liter)
- Water Cleanable.
- Easy to Apply.
- Low Odor.
- Very Good UV Resistance. Non-Yellowing.

Application Method

Roller, Serrated Squeegee, Spray

As a Coating and/or Primer for:

- Brick Driveways
- Asphalt Driveways and parking lots
- Flexible and rigid, vinyl floor tiles
- Asphalt, bitumen, EPDM and TPO roofing
- Aluminum & sheet metal roofing
- General purpose concrete

Other Available Colors:

Matte Black, Red, Green, Brown, Light & Dark Gray

Limitations (Do not apply)

- Oil soaked surfaces
- Polished or smooth surfaces
- Concrete with densifiers or hardeners.
- If rain is expected within 3 Hours.
- If temperatures are below 50°F
- Thick film application

Thinner

Up to 20% water (volume)

Packaging

2.5- & 5.0-Gallon kits, drums, totes

Clean Up/Preparation

OR E41 can be cleaned up with warm, soapy water while wet. Mechanical grinding is necessary once it's cured.

Precautions

Wear protective clothing and gloves. This is necessary when working with all epoxies. Read their respective Safety Data Sheets.

Mixed Ratio by Weight

A: B = 1.0 part: 4.57 parts

Mix Ratio by Volume

A: B = 1.0 part: 4.0 parts

Theoretical Coverage

- 800 Sq. Ft. per gallon @ 2 mils
- Coverage will depend on surface porosity and texture

Coverage: 500 Sq. Ft. per gallon @ 3 mils

Pot Life

@ 73° F = 60 Minutes

Touch Dry

@ 73° F = 30 Minutes

Open to Foot Traffic

2 Hours, depending on ambient temperature & film thickness.

VOC Ambient

47 to 49 Grams per Liter

Shelf Life

One year in unopened containers

Technical assistance

For question regarding this product, please call 800-625-9577.

Weights Per Gallon

Part A: 9.44 (±.25) lbs.

Part B: 10.77 (±.25) lbs.

Parts A & B: 10.52 (±.25) lbs.

Viscosity

Part A: 32 (+/-5 seconds)
3 Zahn cup @ 77° F

Part B: 42 (+/-5 seconds)
#2 Zahn cup @ 77° F

Caution

Do not freeze. Mix A & B with an electric drill for 45 seconds prior to application, Mix A and B, separately, under slow agitation for 5 minutes prior to re packaging.

Warranty

The data, statements and recommendations set forth in this product information sheet are based on testing, research and other development work which has been carefully conducted by us, and we believe such data, statements and recommendations will serve as reliable guidelines. Users are advised to test the product in advance to make certain it is suitable for their particular production conditions and particular use or uses.

All products manufactured by us are warranted to be first class material and free from defects in material and workmanship.

Product is warranted against de lamination for 2 years. It does not apply to de lamination caused by oil, grease, hydro-static pressure or force majeure. De lamination showing coating / asphalt adhesion is not covered.



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Liability under this warranty is limited to the net purchase price of any such products proven defective or, at our option, to the repair or replacement of said products upon their return to us transportation prepaid. All claims hereunder on defective products must be made in writing within 30 days after the receipt of such products in your plant and prior to further processing or combining with other materials and products.

THIS WARRANTY IS EXCLUSIVE OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND NO REPRESENTATIVE OF ANY OR OURS OTHER PERSON IS AUTHORIZED TO ASSUME FOR US ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF OUR PRODUCTS. 1/22

Disclaimer

The technical data and any other printed information furnished by Oak Ridge Foam & Coating Systems, Inc. (ORFC) are true and accurate to the best of our knowledge. ORFC products conform to in housed quality control procedures, tested and should be considered free of defects. The data provided is believed to be reliable and is offered solely for evaluation. The use of the product is beyond the control of the seller; therefore, the buyer assumes all risk whatsoever as to the use of these materials and handling whether done in a matter that is in accordance with the provided posted directions or not. Failure to strictly adhere to recommended procedures and attend a one-day Certified Applicator training, held at the corporate facility located in Green Lake, WI for proper application of ORFC products and materials, shall relieve ORFC of all liability with respect to the materials or the use thereof. This buyer sole and exclusive remedy. All claims concerning product defects must be made in writing within (6) six months of shipment. The absence of such claims in writing during this period will constitute a wave of all claims with respect to such product. This warranty shall be in lieu of any other warranty, expressed, or implied, including, but not limited to any warranty of merchantability or fitness for a particular purpose. 12/20