



# RESIN8, INC.

398 West Wrightwood Avenue, Elmhurst, IL 60126 · 773/551-3633

## PRODUCT DATA SHEET (5/16)

### ResPrime-RS #3001

100% Solids Epoxy Primer for Green or Old Concrete

#### Introduction

ResPrime-RS is a Regular Set, 100% solids Epoxy primer for fresh (**GREEN**) or old concrete.

#### Product Description

- 2-Part, 100%/Total Solids Primer Consisting of:  
Part A – Pigmented Resin & Part B – Hardener
- Can be applied directly over fresh green concrete, eliminating need to wait for full cure concrete
- V.O.C. Compliant/Low Odor/Solvent Free
- User Friendly Mix Ratio of 2:1 by Volume
- Apply with Roller or Spray

#### Special Features

- Very little odor
- Built in Resiliency for Thermal Shock
- Can be Applied Indoors or Outdoors
- Good Chemical Resistance
- Excellent Adhesion to Green or old concrete

#### Primer Applications

- “**Green**” concrete floors
- Old concrete floors
- Protective coating over concrete when final floor coating is delayed
- Can be used as a top-coat sealer
- Can be used for Patching or Coves when mixed with Silica Sand
- Can be used to fill control joints

#### Concrete Finish

- **ResPrime-RS** Must Be Applied to a Wood Float or Textured Finish (Not Smooth)
- Smooth Concrete Must be Shot-Blasted or Scarified Prior to Application

#### Precautions

As with all epoxies, good hygienic habits must be observed and the wearing of protective clothing and gloves is advised. Before using any of the products, please read their respective safety data sheets.

#### Packaging

**ResPrime-RS** is available in the following pre-measured package sizes:

One Gallon Pack (160 SF @ 10 mils)

4 Gallon Pack (640 SF @ 10 mils)

55 Gallon Drum Pak (available upon request)

Coverage will vary depending on surface texture.

#### Setting Times

Available in either regular or fast set versions:

*Regular Set - 45 min working time, with 9 hour set time at 73F*

*Fast Set - See ResPrime-FS #3000*

\*See Set Time Chart on back page for various setting times.

#### Mixing

Measuring Instructions:

Part A to B, 2:1 by volume

Pre-Mix Part A for about 20 seconds

Pre-Mix Part B for about 20 seconds

Pre-Measured Kits:

Add Part B to Part A, and Mix for 20Sec.

Use a Variable Speed Drill, with a Mixing Blade (Drywall Mixer Blade) that is  $\frac{1}{3}$  the Diameter of the Mixing Bucket

Mix to uniform consistency, no longer than 20 seconds

The longer it is mixed, the shorter the pot life. Average pot life is 45 minutes. **Larger mix material, when standing, will shorten the pot life.**

#### Colors

Clear

Special colors are available upon request (additional charges may apply)

#### Clean Up

**ResPrime-RS**, while still wet, can be cleaned up with warm soapy water, but if allowed to set then mechanical cleaning or the application of a very strong paint stripper will have to be used.

# RESIN8, INC.

**Density (lbs./gallon)**

Part A: 9.5  
Part B: 8.6  
Mixed A & B: 9.18

**Mixing Ratio by Volume**

Part A:Part B – 2:1

**Theoretical Coverage**

1 Gallon Pack – 160 SF @ 10 mils

**VOC Content:**

<56 g/L per ASTM D-2369-01

**1-Gallon Kit(lbs/gallon)**

Part A: 6.32  
Part B: 2.86

**4-Gallon Kit(lbs/gallon)**

Part A: 25.27  
Part B: 11.45

**1-Gallon Kit (By Volume)**

Part A: 5.33 Pints  
Part B: 2.67 Pints

**4-Gallon Kit(By Volume)**

Part A: 21.33 Pints  
Part B: 10.68 Pints

| <b>Regular Set Times (Slab Temperature)</b> | <b>60°F.</b> | <b>73°F.</b> | <b>90°F.</b> |
|---|--------------|--------------|--------------|
| Working Time(not Pot Life)                  | 60 Minutes   | 45 Minutes   | 20 Minutes   |
| Foot Traffic                                | 12 Hours     | 9 Hours      | 6 Hours      |
| Full Physical Properties                    | 9 Days       | 7 Days       | 5 Days       |

\*Note: "Working Time" refers to mixed material being poured out of the bucket, and work has begun.

## WARRANTY

The data, statements and recommendations set forth in this product information sheet are based on testing, research and development work which has been carefully conducted by us, and we believe such data, statements and recommendations will serve as reliable guidelines. This product is subject to numerable uses under varying conditions over which we have no control, and accordingly, we do NOT warrant that this product is suitable for any particular use. Users are advised to test the product in advance to make certain it is suitable for their particular production conditions and particular use or users.

**WARRANTY-** All products manufactured by us are warranted to be first class material and free from defects in material and workmanship. 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. WE MAKE NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE SUITABILITY OF ANY OF OUR PRODUCTS FOR ANY PARTICULAR USE, AND WE SHALL NOT BE SUBJECT TO LIABILITY FROM ANY DAMAGES RESULTING FROM THEIR USE IN OPERATIONS NOT UNDER OUR DIRECT CONTROL.

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