

RAPID SET – NEW & IMPROVED #2095901

Low Temperature Epoxy



Features:

- Easy to use 3-component, 100% solids epoxy mortar
- No primer required – self priming
- Cures in temperatures as low as 30°F and high as 80°F
- No topcoat required
- Excellent impact resistance
- Available in gray



Description:

RAPID SET - NEW & IMPROVED is a three-part component 100% solids epoxy mortar designed for applications where temperatures are below freezing or a rapid patch is necessary. Recommended for cold storage areas, freezers, walkways and support bases for tanks and seamless floors.

Applications:

- Freezers
- Cold Storage Areas
- Walkways
- Support Bases for Tanks
- Seamless Floors

Product Characteristics:

| | Part A | Part B | Part C |
|-------------------------------|---|---|---|
| Appearance & Odor: | Low Viscosity Liquid – Amber Color | Amber Clear Liquid with Amine Odor | White or tan sand granular crushed or ground- no odor |
| Boiling Point or Range °F: | 200 to 375 | 401°F | N/A |
| Vapor Density (AIR=1): | N/A | N/A | N/A |
| Specific Gravity (H2O =1): | 1.1 | 1.0 | 2.6 |
| Water Solubility: | Negligible | Negligible | Insoluble in water |
| pH: | N/A | N/A | N/A |
| Viscosity: | 250-320 cps | 2,500-3,500 cps | Not available. |
| Storage: | Store locked up. Store in a well-ventilated place. Keep container tightly closed. | | |
| Transport Information: | | | |
| UN Number: | Not regulated. | UN1760 | Not regulated. |
| Proper Shipping Name: | Not regulated. | CORROSIVE LIQUID N.O.S. (CONTAINS PHENOL SOLUTIONS, M-XYLENE DIAMINE) | Not regulated. |
| Class: | Not regulated. | 8 | Not regulated. |
| Packing Group: | Not regulated. | PG111 | Not regulated. |

Directions:

Request and read the technical data sheet before use. Properly prepare the substrate. Remove all contaminants including curing compounds. Make sure the floor is dry. Store materials at normal room temperature prior to using. Apply material between 30-80°F. Product can be applied without a primer.

Mix the part A and part B together thoroughly (be certain the mix ratio is correct). After the Part A and Part B are mixed, add in the aggregate. Thoroughly mix to make sure all of the aggregate is wetted out properly. Apply the mixed mortar at the recommended thickness using a hand trowel or other suitable equipment.

Note: This product has a very short pot life, working time may be as little as 10-15 minutes once mixed.

Shelf Life: 2 years in unopened containers

Mix Ratio: *Unit= .67-.68 gallons Part A to .25 gallons Part B plus 50# aggregate. (Weight and volumes approximate)

Recommended Thickness: 1/8" to 1/4"

Coverage Per Unit: 20.58 sq. Ft. @ 1/4" and 41.17 sq. Ft. @ 1/8"

Cure Schedule: (70°)

Pot life – (.45 cu. Ft. Mix)10-15 minutes
 Recoat or topcoat.....3-4 hours
 Light foot traffic.....6-8 hours
 Full cure (heavy traffic)2-7 days
 *Foot Traffic Serviceable.....24 hours @ 30°F

Not Recommended For:

Immersion applications for active solvents.

Primer:

None required

Topcoat:

None required.

Limitations:

- *Color stability may be affected by environmental conditions (high humidity or chemical exposure)
- *This product is not UV color stable and may discolor if exposed to lighting such as sodium vapor lights.
- *Colors may vary from batch to batch due to variations in the silica filler.
- *Substrate temperature must be 5°F above dew point.
- *All new concrete must be cured for at least 30 days prior to application.
- *Test data based on neat resin.
- *Physical properties are typical values and not specifications.
- *This product has a short pot life, mix only an amount of material that can be used in the prescribed pot life period.
- *When temperatures are low, extended time may be required for the material to cure before allowing industrial traffic.

Solids By Weight:

100%

Volatile Organic Content:

Zero Pounds Per Gallon

Flexural Strength:

10,350 psi @ ASTM D790

Compressive Strength:

7,560 psi @ ASTM D695

Tensile Strength:

6,030 psi @ ASTM D638

Ultimate Elongation:

7.30%

Impact Resistance:

Excellent

Heat Deflection Temp.:

113°F @ ASTM D648

Weathering:

Good (chalks)

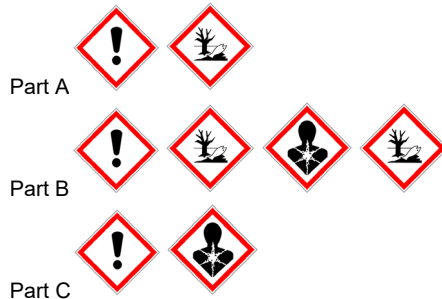
Abrasion Resistance:

Excellent

Application Temperature:

30-80°F

Pictograms:



Signal Word:

Part A & B & C DANGER.

Personal Protective Equipment Required:



DOT Placard:

Yes.

VOC Compliancy:

Not available.