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4100 MEMO-RE-FLASH

MEMO-RE-FLASH 4100 is a one part, rapid setting membrane and flashing compound formulated from non-toxic, waterborne polymers that is tenaciously adherent to most clean construction surfaces.

2. Manufacturer

Waterproofing Engineering & Technologies
10709 Tube Drive 100
Fort Worth, Texas 76053

3. Product Description

MEMO-RE-FLASH possesses remarkable elastomeric qualities which provide over 1000 % elongation with nearly complete recovery; literally creating an expansion joint with more than enough elasticity for the worst joint, metal edge, thermal split or movement.

The unique thixotropy of MEMO-RE-FLASH allows easy trowel, brush or roller application while it remains sag and lump free up to temperatures of 150 degrees. The rapid skinning and quick cure properties provide a rubberized seal that is invulnerable to attack by weather after as little as only four hours of drying time.

BASIC USES:

MEMO-RE-FLASH can be brushed, troweled or rolled onto any clean and dry substrate, including concrete, masonry, metal or wood. MEMO-RE-FLASH has been used very successfully as a below grade waterproofing for retaining walls, basement walls and bermed construction, as a membrane liner for planters, as a liner for potable water storage reservoirs and the like. Applications of this type should be reinforced with MEMO-RE-MESH 4500 as outlined in the various WET Elastomeric Membrane Systems specs. The material can also be used as a quick setting patching material around ducts and vents, pipes and stacks and skylights.

ADVANTAGES:

- Non-toxic, creating no health hazards for workers
- Non-flammable; needs no special storage or handling
- Easy application; can be readily applied with brush, roller or trowel
- Excellent adhesion to most clean surfaces
- Stable against ultraviolet degradation; field proven for over twenty years by in place exposures
- Elongates over 1000 % with excellent memory
- Clean up with soap and water, or mineral spirits after the material has begun to cure

LIMITATIONS:

- MEMO-RE-FLASH must have adequate drying time before exposure to moisture; four hours is generally recommended under average ambient conditions. High humidity and low temperatures will increase the cure time.
- MEMO-RE-FLASH is not a wet patching compound; surfaces to receive MEMO-RE-FLASH are to be dry and free of all dust and loose particulate.
- MEMO-RE-FLASH is not intended for exposure to vehicular or pedestrian traffic

COMPOSITION:

MEMO-RE-FLASH is formulated from non-toxic, waterborne polymers which are neither flammable or explosive and do not emit any harmful fumes.

SIZES:

- 5 Gallon Plastic Pails
- 55 Gallon Steel or Plastic Drums
- 4 Gallons per Case

4. TECHNICAL DATA

Physical Properties

Appearance	Dark Brown in the Container Jet Black upon Curing
Consistency	Thick Axle Grease (Thixotropic)
Solids by Volume	65 %
Weight per Gallon	8.5 Lbs.
Toxicity	None
Flash Point	None
Elongation ASTM D-412	1200 % at 77 F
Elongation Recovery	94 % at Full Extension

Resistance to Exposures

Ultraviolet	ASTM D-822	No Degradation
Ozone	ASTM D-1149	No Cracking
Heat	ASTM D-754	No Hardening or Slump
Fire	ASTM D-542	Self Extinguish

Resistance to Chemicals ASTM D-543

Dilute Acids	Effect Nil
Dilute Alkalis	Effect Nil

Time Until Wash-Off Resistant

4 hours at 77 F at 50% Relative Humidity

Time Until Thorough Cure

72 hours at 77 F at 50% Relative Humidity
(Function of thickness: 1/8" Film)

5. INSTALLATION

Preparatory Work:

No preparatory work is generally required. However, the surface to which MEMO-RE-FLASH is applied must be dry, free of dust and dirt particles, paraffins, grease and oils, loose scale or coatings which may impair adhesion. Questionable substrates may need to be primed with MEMO-RE-PRIME.

Method of Application:

1. No special tools or equipment are required, as the butter-like consistency of MEMO-RE-FLASH allows for application with brush, roller or trowel.
2. Build to the desired thickness in a single or multiple coating. The relatively slow cure allows workers to make successive applications within a reasonable amount of time.
3. When either tools or brushes are idle during the application process, keep them in the material pail or in a pail with soapy water to prevent the material from drying on the tools. If stored in soapy water, flick the excess liquid from the tool before placing in back into the MEMO-RE-FLASH to minimize thinning of the material.
4. Tools and equipment can be cleaned with soapy water while the material is still fresh, or with mineral spirits after the material has begun to cure.
5. Store any unused portions of MEMO-RE-FLASH 4100 in tightly sealed containers, as exposure to the atmosphere will tend to cure the product, rendering it unusable.

6. AVAILABILITY

MEMO-RE-FLASH 4100 is available through local distributors and dealers, or may be ordered directly from the manufacturer if a supplier is not available in your area.

7. GUARANTEE

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8. TECHNICAL SERVICES

Waterproofing Engineering & Technologies maintains a staff of technical consultants, available to assist with any application. Our research and Development Engineering Department is continually working to improve existing products and methods as well as developing new products.

9. FILING SYSTEMS

Waterproofing Engineering & Technologies
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