



TECHNICAL BULLETIN

PRODUCT #298E ELASTOMERIC ASPHALT EMULSION

FLUID APPLIED REINFORCED ROOFING • REFLECTIVE COATING SYSTEMS

DESCRIPTION

Product #298E is an asphaltic bentonite clay emulsion modified with acrylic rubber to achieve a permanently elastomeric waterproofing compound and surface coating. When cured, **Product #298E** resists checking and cracking. The dry film remains flexible and will not sag, flow or re-emulsify. Special unblown soft asphalts help improve the weathering characteristics of **Product #298E** as well as enhance resistance to industrial pollutants, contaminants and corrosives. Premium acrylic rubbers increase the elongation of **Product #298E** and also give it greater adhesion and low temperature flexibility.

Product #298E may be used as a surface protectant or as a waterproofing compound using polyester and or fiberglass reinforcements. Applied as a roof protectant, **Product #298E**'s unique formulation allows the film to "breathe" while drying and is waterproof upon curing. Roof surfaces protected or surface primed with **Product #298E** are especially suited for application of **Western Colloid SilverWhite Aluminum Reflective Coating (#525)** or **Elastahyde White Elastomeric Reflective Coating**.

Product #298E is non-flammable and odorless, containing no aromatic hydrocarbons. **Product #298E** is not DOT regulated.

Product #298E is water based and can be applied to most clean (dust and oil free) surfaces. It can be applied to dry or damp surfaces using rollers, knotted brushes, squeegees or spray equipment. If you need assistance with the application of this product or need assistance with choosing equipment for the proper application of **Product #298E**, call **Western Colloid**.

Product #298E is the primary waterproofing component of many **UL Class A** roofing systems.

USES

- A uniform weathering surface for smooth or mineral surfaced composition built-up roofing.
- A waterproofing compound for cold process, built-up roof systems utilizing polyester and or fiberglass reinforcements.
- A protective surface for metal roofing, masonry, stucco, parapet walls, curbs and base flashings.
- A corrosion resistant surface for most exterior metal surfaces.
- A damp proofing compound for below grade walls.
- A base coat for **SilverWhite** or **Elastahyde** reflective coating.

PHYSICAL PROPERTIES

Total Solids	45-55%
Weight/gal.	8.2-8.7
Consistency	Brush or Spray
Weatherability	Superior
Flammability	Wet film non-combustible
Flame Spread	Dry film self extinguishing
Flexibility	Remains flexible below freezing
Elongation	Excellent
Tensile Strength	Excellent
Heat Resist @ 212° F	No sag, blistering or slipping
Permeability	(varies with thickness) 0.0 – 2.0
Application Temperature	Minimum 50° F
Drying Time - (70°F @ 50% relative humidity)....	12 hours firm set
Container Sizes.....	5 Gallon, 55 Gallon Drums, Bulk**

PREPARATION

Surface must be dry or damp and free of dirt, dust, oil, grease, wax, rust, chalky or loose paint, mildew and any other surface contamination that may inhibit adhesion. Repair cracks, breaks, open seams, and other roof imperfections with a heavy sealer such as **#800 Elastic Cement**, recommended caulking or flashing compounds or **Product #298E** and polyester fabric.

Metal surfaces must be clean and free of dirt, dust, oil, grease, wax, rust, chalky or loose paint. New metal should be primed with proper primer (consult **Western Colloid** for proper primer). If rust is present, remove rust and scale then prime with **Western Colloid Rust Primer** (consult **Western Colloid** for proper primer for your application).

APPLICATION

Product #298E should be mixed thoroughly before using. When using spray equipment, apply to dry surface at the rate of 3 to 6 gallon per 100 sq. ft. or as specified. **Product #298E** may be applied with brush, roller, soft broom or squeegee at 3 gallons per 100 sq. ft. per coat. For best results apply 2 coats, with the second coat at right angles to the first. When reinforcing with polyester fabric, broom or brush fabric into freshly applied, wet **Product #298E** and apply surface coat of **Product #298E** over polyester fabric.

Wet material and all tools and equipment may be cleaned with water. Rinse tools and equipment with water before using. Clean dry material with **WCP-2000 Safety Solvent**, paint thinner or kerosene.

PRECAUTIONS: Do not apply **Product #298E** when surface or air temperature is below 50° F, or if cold weather, rain or fog is expected within forty-eight hours of application. **Product #298E** cures through dehydration. Drying time may vary depending upon wet film thickness, temperature, humidity and air movement.

READ AND FOLLOW DIRECTIONS CAREFULLY. REFER TO MSDS FOR PROPER HANDLING.

STORE CONTAINERS IN COOL, DRY, PROTECTED AREA. KEEP FROM FREEZING

LIMITED WARRANTY

Western Colloid warrants its products to be of merchantable quality and suitable for the general purpose for which they were intended, when applied in accordance with Western Colloid's instructions. Western Colloid does not warrant its products to be suitable for any purpose or use other than for which they were intended. Liability under this warranty is limited to supplying new material without charge, or at Western Colloid's option, to a refund of the purchase price. In the event of a claim under this warranty, notice must be given in writing at the addresses shown hereon. **THIS LIMITED WARRANTY IS ISSUED AND ACCEPTED IN LIEU OF ALL OTHER EXPRESSED WARRANTIES, AND EXPRESSLY EXCLUDES LIABILITY FOR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO YOU.**

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