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Since 1926 – Manufacturer of Decorative and Protective Paints and Waterproofing Coatings

**SOMAY "ROOF MASTIC", Sealer & Protector
Product No. 842**

February 2010

PRODUCT BENEFITS: SOMAY "ROOF MASTIC" will seal, waterproof, windproof and protect practically any smooth, structurally sound roof surface that was properly designed with positive drainage, when it is applied at the proper thickness according to these instructions. **TWO VERY THICK COATS** of liquid **SOMAY "ROOF MASTIC"** must be applied so that they dry and cure to a virtually impene-trable, flexible, seamless, waterproofing, protective membrane.

SOMAY "ROOF MASTIC" is available in "White", which reflects 83% of the heat from the sun to help keep buildings much cooler and has Energy Star® Certification. Also available as Crystal Clear and several popular roof colors including Sun Beige (Tan), Terracotta, Modern Ivory, Spanish Tile Red and Machinery Gray.

SOMAY "ROOF MASTIC" has been granted Miami-Dade County Approval, after having passed, equaled or exceeded the pre-established specifications established by The Product Control Division, Office of Building Code Compliance of Miami-Dade County, Florida. **"ROOF MASTIC"** was approved for use in High Velocity Hurricane Zones. The original approval by the County is dated January 14, 1974. The current approval is effective through 2013.

SOMAY "ROOF MASTIC" has demon-strated compliance with the Florida Building Code 2007, Table 1507.15.2, and been granted Approval No. FL 12085.1 for roof maintenance on all types of roof surfaces.

After years of testing and real world applications by the Florida School Plant Management Association (FSPMA), SOMAY Product No. 842, SOMAY "ROOF MASTIC", Sealer & Protector, has been approved and certified by the FSPMA for use on any school or educational institution building or structure throughout the State of Florida under Specification No. MP-56.2, Elastomeric Roof Paint/Coating.

SURFACE PREPARATION: The secret of a successful painting job is proper surface preparation. Surfaces **MUST** be free of anything which could adversely affect the adhesion of this coating to the surface, including loose, scaling, peeling, blistering, chipping, cracking, flaking, chalking or powdering paint; dust, dirt, sand, soot, grease, oil, tar, wax, soap film or petro-leum-based residue; lye, lime, chlorine, salt, calcimine, efflorescence, or any other chemically reactive substance; and must be completely free of all mold, fungus, mildew or any other growing organism of any kind. Infirm surfaces **MUST** be made firm.

High-pressure (min. 2,500 P.S.I.) water should be used to thoroughly clean all surfaces prior to the coating application. Mildew and similar growths **MUST** be killed with a 2% chlorine solution. Rinse with clean water; allow to dry.

PRIME SURFACES: On concrete or tile surfaces, and all other surfaces where a Crystal Clear coating is desired, apply **SOMAY** Product No. 777 **SOMAY "PST"**. On asphalt-based roof surfaces in good

condition, such as asphalt or fiberglass shingles, roll roofing, tar paper, etc. on which you do NOT want a Crystal Clear finish, apply **SOMAY** Product No. 7751, **SOMAY "PRIME & SEAL"**. Maximum spreading rate of primers is 200 sq.ft./gal., but will be considerably less (maybe only 100 sq.ft./gal.) on very porous surfaces.

If applying any paint or coating to asphalt shingles that are very old, brittle and/or curling, apply a coat of **SOMAY** Product No. 789, **SOMAY "SHINGLE PREP"**, to make the old shingles flexible so they will lie flat.

CAULKING: On tile roofs, it is more efficient and economical to develop a seamless water-proofing membrane with **SOMAY "ROOF MASTIC"** when it is applied to surfaces that are very smooth. Therefore, all cracks, holes and similar irregularities should be filled and made very smooth using **SOMAY** Product No. 992, **SOMAY "PATCH & SEAL"**, a brush-on caulk that is White in color. It should not be used where a Crystal Clear finish is desired.

APPLICATION: SOMAY "ROOF MASTIC" MUST BE APPLIED FULL STRENGTH as it is supplied by the manufacturer. NEVER THIN, DILUTE or ADULTERATE with any other material. Any thinning will reduce the percentage of solids, which will adversely affect the adhesiveness, the hiding, the sealing ability and the durability of the applied coating. Stir product thoroughly before and frequently during application. Apply only to properly prepared, primed, dry surfaces, without undue delay between the application of each coat.

APPLICATION RATE: To develop a waterproofing membrane with **SOMAY "ROOF MASTIC"**, a MINIMUM OF TWO (2) full coats, each 20 mils (.020 inch or .0508 cm) thick MUST BE APPLIED, providing a TOTAL MINIMUM DRY FILM THICKNESS for both coats of 40 mils (.040 inch or .1016 cm). On a very smooth, non-porous surface, one (1) gallon of **SOMAY "ROOF MASTIC"** may cover up to, but never more

than, 50 sq. ft. with a 20 mils thick coating; two (2) gallons may cover up to 50 sq. ft. with the required 40 mils thickness, so a minimum of four (4) gallons (14.14L) will be required for two coats for every 100 sq. ft. (9.29 m²).

APPLICATION METHOD: On residential roofs, an easy, practical and effective application method is to use a broom or brush with long, very soft bristles, laying the **SOMAY "ROOF MASTIC"** onto the surface to create a continuous, seamless, water-proofing membrane. On larger roof surfaces, **SOMAY "ROOF MASTIC"** may be applied using conventional airless spray equipment with a standard tip size (.019 to .023) normally used to apply a high quality acrylic latex coating.

WEATHER CONSIDERATIONS: Before application, KEEP FROM FREEZING. Apply only at temperatures above 50° F. (10° C.). Apply only when the weather will be fair for a sufficiently long time for the coating to dry. Do not apply late in the afternoon or early evening when heavy dew could develop before the coating dries. A heavy rainstorm could wash the coating off during the first few hours after application if it has not dried thoroughly.

DRYING TIME: Drying time will vary depending on both ambient and surface temperature, humidity, wind or air movement, exposure to sunlight, thickness of coating applied, etc. Under ideal drying conditions, **SOMAY "ROOF MASTIC"** forms a dew or light shower-resistant membrane in approx. 30 to 60 minutes after application, and dries sufficiently in approx. twenty-four (24) hours to permit the application of the second coat of **SOMAY "ROOF MASTIC"**. A longer drying time will be required if the surface being coated is not completely dry, if the air or surface temperature is below 50° F., if the relative humidity is higher than 90%, if the air is calm, if the surface is not exposed to direct sunlight, or if too thick a coat (more than 20 mils) is applied.

CLEAN UP: Using clean water, IMMEDIATELY FLUSH SPILLS OR DRIPS FROM SHRUBBERY, WALKWAYS, DRIVEWAYS, ETC., **BEFORE SOMAY "ROOF MASTIC" IS ALLOWED TO SET UP.** Clean hands, brushes, rollers, tools and other equipment immediately after use in warm, soapy water.

SPECIAL SITUATIONS: SOMAY "ROOF MASTIC", reinforced with **SOMAY "POLY-MESH",** can be used to make a flexible, waterproof flashing around vents, stacks, chimneys or similar protrusions through the roof surface, or over joints or surface junctions such as at a parapet, etc. Just apply a coat of **SOMAY "ROOF MASTIC",** then while it is still wet, imbed the **SOMAY "POLY-MESH"** reinforcing membrane into the **SOMAY "ROOF MASTIC"** ... let dry ... then apply a second coat of **SOMAY "ROOF MASTIC".** **SOMAY "ROOF MASTIC"** can also be used in other situations where a flexible coating is desired. For more information about special situations, contact **SOMAY.** Since **SOMAY "POLY-MESH"** is White, one normally would not use it when using the Crystal Clear **"ROOF MASTIC",** except over a White surface.

PRODUCT LIMITATIONS: For roof waterproofing purposes, this coating is NOT intended for use on: improperly prepared,

infirm or structurally unsound surfaces; below normal grade or ground level; on the inside of tanks or pools; on a flat roof where it will be subject to standing water for an extended period of time; where it will be subjected to any acts of carelessness which might cause a puncture or rupture of the waterproofing membrane, such as pedestrian traffic, furniture legs, the installation of air conditioners, antennas, etc.

According to the Miami-Dade County Building Code, a roof must have a minimum slope of ¼-inch per 12 inches to be considered a sloped, or pitched or inclined roof. Roofs with less pitch are considered "flat" roofs, on which we do NOT recommend the application of SOMAY Product No. 842, **SOMAY "ROOF MASTIC".**

For **Flat Roofs** that have puddles of water on the surface following a rainstorm, **SOMAY** recommends the use of Product No. 814, **SOMAY Rubber Waterproofing Coating** ("White" has "Energy Star"® Certification), which can withstand total immersion under puddles of water for extended periods of time. This is a rubber co-polymer resin-based, solvent borne, waterproofing coating. If interested, please see its Product Data Sheet

REFER to Material Safety Data Sheet for additional safety information.

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CAUTION! Harmful if swallowed. Do not take internally. Close container after each use. Avoid prolonged contact with skin and breathing of vapors. Use with adequate ventilation.

KEEP OUT OF REACH OF CHILDREN.

KEEP FROM FREEZING while in storage or transit before application.

LIMITED WARRANTY / LIMITED LIABILITY:

SOMAY warrants that, at the time of purchase from SOMAY, its products meet the specifications which SOMAY establishes for them. Since results from the use of its products depend on factors beyond SOMAY's control, SOMAY DISCLAIMS ALL OTHER WARRANTIES, either expressed or implied, INCLUDING, but NOT limited to, WARRANTIES OF MERCHANTABILITY AND FITNESS for particular purposes. User must assume full responsibility for: (a) determining the suitability of the product for his intended use, (b) understanding and following instructions, (c) preparing the surface properly, (d) applying the product correctly, and (e) obtaining the results desired from the use of the product. SOMAY shall not be liable for any incidental or consequential damages arising from the use or misuse of its products. SOMAY's liability is always limited to the original purchase price paid to SOMAY. Purchase and/or use of the product constitutes complete acceptance of all the terms of this Warranty.