



PERMA-TECH ROOFING SUPPLY

THE SCIENCE OF STRONG ROOFS

510

REINFORCED ACRYLIC MASTIC

TECHNICAL DATA SHEET

DESCRIPTION

Product No. 510 Reinforced Acrylic Mastic is an elastomeric premium quality white sealing compound designed for use in the waterproofing of roof flashings. **Product No. 510 Reinforced Acrylic Mastic** is reinforced with polyester fibers for maximum strength and durability while remaining flexible.

USES

Product No. 510 Reinforced Acrylic Mastic can be used as a patching compound or flashing mastic for sealing around roof penetrations, pipes, skylights, ductwork, or filling gaps in parapet walls with excellent adhesion to most roofing substrates. **Product No. 510 Reinforced Acrylic Mastic** can also be used in conjunction with a polyester fabric for added strength around penetrations, drains, scuppers, and skylights.

SURFACE PREPARATION

Roof substrates must be clean, dry, free of all debris, and any contaminants which would impede proper adhesion. A pressure wash is recommended, if a pressure washer is not available a cleaning agent should be used in conjunction with hose and broom washing. In addition to pressure washing, a wire brush should be used to remove any surface rust on metal roofing systems. Metal panels where the structural integrity has been compromised should be removed and replaced with like panels. Over aluminum roof coating, apply one coat of Product No. 650 Stain Shield or Product No. 670 X-Treme prior to the application of **Product No. 510 Reinforced Acrylic Mastic**. Over TPO, EPDM, and PVC apply one coat of Product No. 670 X-Treme prior to the application of **Product No. 510 Reinforced Acrylic Mastic**. A bleach and water solution (1 part bleach to 2 parts water) should be used to treat any roof areas that have mildew or algae. All roof surfaces should be thoroughly cleaned and allowed to dry completely prior to application of any Perma-Tech Roofing Supply restoration products.

APPLICATION

Proper protective clothing and PPE should be worn when applying products. It is normal to see a small amount of separation when first opening a pail. If necessary, gently mix the product with a trowel or paddle mixer, being careful to not introduce air into the product during mixing. **Product No. 510 Reinforced Acrylic Mastic** can be applied with a stiff paint brush or trowel in conjunction with a polyester fabric for reinforcement. Do not dilute product. While **Product No. 510 Reinforced Acrylic Mastic** is white and UV stable, to extend its life it is recommended that it be coated by one of Perma-Tech Roofing Supply topcoats. Perma-Tech Roofing Supply Products should not be applied when freezing temperatures or rain is expected within 24 hours of completed application. During application, roof surface temperatures should be between 40- and 115-degrees Fahrenheit, with no moisture present.

RECOMMENDED COVERAGE RATES

Product No. 510 Reinforced Acrylic Mastic should be applied at approximately 3/16" per layer and allowed to cure at least 12-24 hours before being coated over.

CLEAN UP

Clean brushes, tools and other equipment with warm soapy water immediately after use. Dried film may require paint remover.

STORAGE

Product should be stored in a clean and dry area, away from direct sunlight and protected from freezing.

DO NOT APPLY TO ANY SURFACES THAT CONTAIN SILICONE

PHYSICAL PROPERTIES

Reinforced Acrylic Mastic

Solids by Weight (%)	65%
Weight per Gallon	10.8 lbs
Drying Time at 50% relative humidity and 70°F; Touch: 4 hrs, Firm: 12 hrs	
Silicone (%)	None
Flammability	None
VOC	< 100 g/l
Viscosity	> 160 KU
Excellent Adhesion to Most Roofing Substrates	

**NOTE: Percentages stated are + or - 5% Approx. Shipping Weights: (All approximate weights include container) 5-gallon bucket weight approximately 68 lbs.*

HANDLING PRECAUTIONS

Product safety information required for safe use is not included. Before handling, read product safety data sheets and container labels for safe use, physical and health hazard information. Safety data sheets are available on the PermaTech Roofing Supply website at www.permatechroofing.com. You can also obtain a copy from one of our local Perma-Tech Roofing Supply stores.

LIMITED WARRANTY & DISCLAIMER

To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. User must contact Perma-Tech Roofing Supply to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. Liability, if any, is limited to replacement of product unless installed by an approved contractor in accordance with Perma-Tech Roofing Supply warranty procedures and program. For limited manufacturer's warranty and disclaimer information, visit our website at: www.permatechroofing.com.