

THERMO MATERIALS® THERMOLASTIC® FOR NEW MODIFIED BITUMEN MEMBRANE SPECIFICATION

Disclaimer: This document is intended as a Scope of Work and as such is written in a general manner. If actual project conditions are such as to be outside the scope of the normal waterproofing practices that are referenced in this document, steps should be taken to ensure the restoration remains in compliance with nationally recognized waterproofing practices such as those found in the National Roofing Contractors Association Manual.

The following covers the installation of an Acrylic Repair and Restoration System for a new modified bitumen membrane roofing system.

REQUIRED MATERIALS

1. Cleaner – [Thermoclean® Surface Cleaner](#) (400 sq ft/gal)
2. Reinforcement Fabric – [Thermopolyester SB-075](#) (6" width minimum)
3. Drains – [Thermolastic® Solar Shield®](#)
4. Base Coat – [Thermolastic® Solar Shield®](#) (gray or white)
5. Surface Coat – [Thermolastic® Solar Shield®](#) (white)

RECOMMENDED THERMO SYSTEM

1. All existing surface contaminates such as asphaltic mastics, peel and stick membranes or other roofing materials shall be removed from the new installation to expose the underlying surface to which new materials are to be applied.
2. **OPTIONAL IF NECESSARY** - All surfaces to receive roofing or flashing materials shall be thoroughly cleaned using a high-pressure spray washer, with a minimum 3,000 psi, clean water and an admixture of Thermoclean® Surface Cleaner metered through the washer's pick-up-tube, to remove all loose debris, dirt, talc and other buildup. Entire surface shall then be rinsed with clean water and allowed to dry.
3. All drains and scuppers perimeter, a minimum of 40", shall be 3-coursed, defined as a layer of Thermopolyester SB-075 Reinforcement Fabric fully embedded in 2 layers of Thermolastic® Solar Shield® Base Coat at a rate of 1½-gal/sq having a minimum width greater than that of the Thermopolyester SB-075 Reinforcement Fabric. Apply the Thermopolyester SB-075 Reinforcement Fabric without fishmouths or wrinkles.
4. Apply a uniform 1½-gal/sq of Thermolastic® Solar Shield® Base Coat. Application techniques shall be such to allow for proper application rates to all high and low spots, as well as angles in the roof surface. Allow application to fully cure.
5. After full cure of Thermolastic® Solar Shield® Base Coat, apply a uniform 1½-gal/sq of Thermolastic® Solar Shield® Surface Coat using a crosshatch pattern to that of the Thermolastic® Solar Shield® Base Coat. Application techniques shall be such to allow for proper application rates to all high and low spots, as well as angles in the roof surface. Allow application to fully cure.
6. Follow NRCA guidelines for any ponding areas on the roof.
7. Inspect all finished surfaces for proper mils and deficiencies in the application. Where necessary apply additional Thermolastic® Solar Shield® Surface Coat at a rate of 1-gal/sq to any deficient areas.

Warranty: If applied according to our published specifications and guidelines and after successfully passing a final inspection and then accepted by Thermo Manufacturing Systems, LLC, this system would qualify for our 10-Year Labor & Material Warranty. Call for details regarding warranty application documentation requirements and warranty fee schedule.



Eco-friendly, Sustainable Building Restoration Specialists