APPLICATION INSTRUCTIONS

1. Purpose

1.1 The purpose of this document is to establish uniform procedures for installing the Permaphalt™ Waterproofing System.

1.2 The techniques involved may require modifications to adjust to jobsite conditions. Consult your Tremco Representative for specific design requirements.

2. Scope

2.1 This document will provide the necessary instructions for the application of the Permaphalt™ Waterproofing System to qualify for the manufacturer’s warranty. Tremco recognizes that site-specific conditions, weather patterns, contractor preferences and membrane detailing may require deviation or alteration from these prescribed installation procedures. When such circumstances and situations exist on a project, Tremco recommends that the local Tremco Sales Representative or Technical Services be contacted for assistance and approval as required.

3. Possible System Components

• TREMproof® 6145
• Tremco® Reemay
• Tremco® 2178

4. Membrane Application

4.1 The hot-applied TREMproof 6145 membrane utilized in the Permaphalt System is applied at a thickness much less than a “normal” hot-applied application as this material has been specially formulated with enhanced quantities of asphalt compared to standard hot-applied membranes. This gives it the “toughness” required for applications under asphalt where the exposure to sheer stresses may be much greater than on standard plaza deck or roof applications and this decreased mil thickness makes it an economically feasible option.

4.2 The Permaphalt System is installed in one of two ways:

4.2a. Option 1 - 90 mils of TREMproof 6145: TREMproof 6145 is installed at 90 mils in a single lift. The membrane is then covered with the Tremco 2178 asphaltic glass-ply sheeting. This serves not only as a protection course for the membrane while the applicator is installing the wear course, but also acts as a cap sheet to prevent UV damage to the membrane before asphaltic application and creates an interlaminar tie-in between the waterproofing membrane and the asphaltic wear course. Finally, the specified asphalt blend (not provided by Tremco) is applied per the application guidelines.

4.2b. Option 2 - 120 mils of TREMproof 6145 with Reinforcement: TREMproof 6145 is installed at 120 total mils in two 60-mil lifts with 2014 Reinforcing Fabric (Reemay) installed between the lifts. The membrane is then covered with the Tremco 2178 Asphaltic Glass-Ply sheeting. This serves not only as a protection course for the membrane while the applicator is installing the wear course, but also acts as a cap sheet to prevent UV damage to the membrane before asphaltic application and creates an interlaminar tie-in between the waterproofing membrane and the asphaltic wear course. Finally, the specified asphalt blend is applied per the application guidelines.

NOTE: Installation Option 2 is required in applications where continual traffic is occurring (such as a mall parking area) or heavier vehicles (such as trucks) will be traversing the area. The additional membrane thickness and the embedded reinforcing fabric will enhance the system toughness for such use. Contact Tremco Technical Services or your local Tremco Representative to discuss which option is best for your specific application.

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Please refer to our website at www.tremcosealants.com for the most up-to-date Product Data Sheets.