

THERMO MATERIALS®

3-PLY SBS IN SBS ADHESIVE OVER METAL DECK 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 a **3-ply SBS System in Thermoflex SBS Adhesive** over a properly prepared metal deck with 1½" insulation and ¼" primed densdeck.

REQUIRED MATERIALS

1. 1½" insulation and ¼" primed densdeck
2. Attachment of insulation and densdeck per local requirements (*fastener / fully adhered*)
3. Modified Bitumen Adhesive – [Thermoflex SBS Adhesive Field Grade](#)
4. Modified Bitumen Flashing Adhesive – [Thermoflex SBS Adhesive Trowel Grade](#)
5. Base Sheet – [Thermoflex 7025](#) (1.5 sq SBS Polyester Base Sheet)
6. Interply Sheet – [Thermoflex 7225](#) (1 sq SBS Polyester Smooth Surfaced Cap Sheet)
7. Cap Sheet – [Thermoflex 7226](#) (1 sq SBS Polyester Mineral Surfaced Cap Sheet)
8. Flashing Base – [Thermoflex 7025](#) (1.5 sq SBS Polyester Base Sheet)
9. Flashing Cap – [Thermoflex 7226](#) (1 sq SBS Polyester Mineral Surfaced Cap Sheet)

RECOMMENDED THERMO SYSTEM

1. Remove the existing roof down to the deck and clean as necessary. Deck surface is to be made free of latent moisture or loose debris by brooming or other means.
2. Attach insulation and densdeck per local project requirements.
3. Install a single ply of [Thermoflex 7025](#) Base Sheet using a 2-gal/sq application of [Thermoflex SBS Adhesive Field Grade](#) Modified Bitumen Adhesive. [Thermoflex SBS Adhesive Field Grade](#) Modified Bitumen Adhesive should be applied with a notched squeegee to the surface and allowed to flash for several minutes prior to installing base membrane. Offset each row of [Thermoflex 7025](#) Base Sheet a minimum of 12" to the previous row with end laps having a 6" minimum overlap and edges a 2" minimum overlap.
4. Install a single ply of [Thermoflex 7225](#) Interply Sheet using a 2-gal/sq application of [Thermoflex SBS Adhesive Field Grade](#) Modified Bitumen Adhesive. [Thermoflex SBS Adhesive Field Grade](#) Modified Bitumen Adhesive should be applied with a notched squeegee to the surface and allowed to flash for several minutes prior to installing interply membrane. Offset each row of [Thermoflex 7225](#) Interply Sheet a minimum of 12" to the previous row with end laps having a 6" minimum overlap and edges a 2" minimum overlap.
5. Install a single ply of [Thermoflex 7226](#) Cap Sheet using a 2-gal/sq application of [Thermoflex SBS Adhesive Field Grade](#) Modified Bitumen Adhesive. [Thermoflex SBS Adhesive Field Grade](#) Modified Bitumen Adhesive should be applied with a notched squeegee to the surface and allowed to flash for several minutes prior to installing cap sheet membrane. Offset each row of [Thermoflex 7226](#) Cap Sheet a minimum of 12" to the previous row with end laps having a 6" minimum overlap and edges a 3" minimum overlap.
6. Flashing assemblies shall consist of a [Thermoflex 7025](#) Flashing Base and a [Thermoflex 7226](#) Flashing Cap and be fully adhered in a 2-gal/sq application of [Thermoflex SBS Adhesive Trowel Grade](#) Modified Bitumen Flashing Adhesive.

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 20-Year Labor & Material Warranty. Call for details regarding warranty application documentation requirements and warranty fee schedule.



Eco-friendly, Sustainable Building Restoration Specialists