

Application Instructions

ram-Tough 250

Double Membrane (DM) System

Follow all the application instructions for the ram-Tough 250 SM system (attached) except as noted herein:

Following all the deck preparation and priming procedures and prior to installing the flashing, starting at the drains or low points, install the first layer of fluid ram-Tough 250 membrane at a thickness of 90 mils, in a width of approximately 44 inches. As quickly as possible, generally, within one minute, install Poly-Felt 125 VP reinforcement roll fabric into tacky membrane.

Standing off to the side, use a broom or a squeegee, press fabric into hot bitumen using care not to create wrinkles or fishmouths. If the sheet is not set straight and begins to run off a true straight line, cut the roll and reset it overlapping the end sheet by 12 inches.

In cooler weather, the workability time frame will lessen in relationship to the temperature and the deck temperature.

As the first roll is run out, return to the same starting line and install adjacent ply of reinforcement, overlapping the first or underlying roll by 3-4 inches with hot ram-Tough 250 and set new roll with minimum 2 inch lap of Poly-Felt 125 VP. **All Poly-Felt 125 VP must have rubberized asphalt membrane under and over it. In no place shall the Poly-Felt touch Poly-Felt.** Follow-up with successive plies, working up the slope. All laps shall be with the flow drainage, not against it. At all curbs, projections, walls and other changes in plane, the hot rubberized asphalt membrane should be run up the vertical face for 3 inches, and the polyester reinforcement 2 inches respectively.

After the primary ram-Tough 250 membrane and Poly-Felt 125 VP installation is complete, install all base flashings throughout the days work area, following standard flashing details and requirements.

Following the installations of all base flashings, re-coat entire application with hot ram-Tough 250, 125 mil thick (1/8 inch) carrying membrane up and over all flashings as required by standard details.

All Poly-Felt 125 VP shall have the second ram-Tough 250 membrane installed over it each and every day. Do not leave Poly-Felt exposed overnight or to inclement weather.

Poly-Felt 125 VP fibers do not absorb water but the air spaces (interstices) between fibers do retain water. If the Poly-Felt 125 VP becomes wet it can result in poor bonding or delamination.

If it is necessary to walk over the completed membrane prior to the installation of the protection course, use powdered cement dust or fine sand to create a bond break.

Water flood testing should be made prior to the installation of protection course or insulation.

The general principles of waterproofing are generally a good guide to normal conditions or circumstances; however, if any unusual conditions or problems arise please call our toll free line for technical assistance – (800) 647-0100.

The basic “secret” for any good installation is the absence of moisture and dust during application – “Clean & Dry” – performing adhesion checks every hour during installation and all flashings installed in a tight voidless manner.