

Application Guide Over Modified-Bitumen Substrates



PRESSURE WASH



REPAIR EXISTING VOIDS



TRITOPrime



SEAM TO SEAM SPRAY

1. Pressure wash entire surface to ensure roof is free of moisture, loose dirt, oils, grease, and debris.
2. Any wet or saturated areas of insulation and membrane must be removed and repaired with new insulation and peel & stick modified.
3. **One-way vents should be installed** into the existing membrane every 100 sq. ft (10 sm).
4. All existing blisters greater than 6" must be cut out, primed, and repaired with peel & stick modified.
5. Fish-mouth seams, large gaps and voids must be repaired similar to item #2 above or with TRITOTrowel™.
6. All surfaces must be primed with TRITOPrime™ at 1 gallon per 600 sq. ft. and allowed to dry.
7. Chalk lines can be snapped @ 4' on center to provide a guide for consistent spray application if needed.
8. Begin to spray application of TRITOflex™. Every 100 sq. ft. (10 sm), check for proper millage by measuring with a TRITON mil/mm thickness gauge.
9. Re-spray spot where measurement was taken to seal. If thickness was low, re-spray over area to build up millage and measure again.

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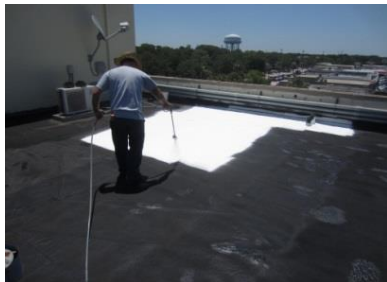
MEASURE MILS



SPRAY FLASHINGS



TROWEL REINFORCEMENT



APPLY TOP COAT

10. Spray over existing Modified roof from seam-to-seam to ensure consistent coverage. In some cases, spraying may need to be performed against or “into” the Modified membrane seams depending on the roof’s slope. Spray thicker over these critical areas.
11. Unlike other membrane systems, flashings can be sprayed with the field of the roof to achieve a truly monolithic membrane with TRITOflex. Apply at same mil thickness as roof field.
12. After membrane has cured black, rinse off dried surface accelerator. Check new membrane for cure levels with TRITON supplied moisture meter.
13. Use TRITOtrowel/ to seal top edges of flashings, 90 degree angles, curb corners, around pipes and where there are any visual imperfections in the TRITOflex membrane. **87 mils (2.2 mm) wet to achieve 60 mils (1.5 mm) dry.**
14. After full cure of TRITOflex, apply first coat of white TRITOtherm™ acrylic and ceramic coating using a back-rolling method to **15 mils (0.4mm) wet/10 mils (0.25mm) dry.**
15. After 24 hours, simply spray-apply second coat to **15 mils (0.4mm) wet/10 mils (0.25mm) dry.**
16. Keep water from ponding on top coat for 48 hours after application. Remove water with air blower until fully cured.