



## HydraShell™ SUPREME SA Application Guidelines

Self-stick HydraShell™ SUPREME SA is intended for use as a waterproof roof underlayment under shingles, tile, metal and other types of roofing. It may also be used for additional protection around the roof deck perimeter, chimneys, valleys skylights and penetrations. HydraShell™ SUPREME SA seals around punctures and provides roof deck protection when the main roof is damaged or blown off.

- 1) Marco Industries recommends that HydraShell™ SUPREME SA be applied at ambient temperatures above 50° F on decks having minimum roof slopes of 3:12. If applying at cooler temperatures, use a spray adhesive on the seams and overlaps to ensure a good seal. HydraShell™ SUPREME SA may also be mechanically attached.
- 2) The surface to which HydraShell™ SUPREME SA is to be applied must be smooth, clean, dry and free of contaminants. Use an asphalt based primer as necessary to prepare the deck. You must use an asphalt primer if installing over concrete, weathered OSB, Densdeck or similar surface.
- 3) Starting at the low point of the deck, peel back about 12” of the release liner, align the roll, and carefully press HydraShell™ SUPREME SA into place. Unroll the material along the deck removing release liner as you go.
- 4) The adhesive on HydraShell™ SUPREME SA is pressure-activated, so press the material firmly into place using roller or foot pressure to assure a good seal. Pay particular attention to the seams and overlaps, firmly rolling them with a hand roller so they are well-sealed. If necessary, use a spray adhesive to improve adhesion.
- 5) Overlap ends at least 6 inches. Overlap sides at least 3 inches as indicated on the product.
- 6) Ridges, valleys, chimneys, dormers and other areas requiring flashing need special attention. HydraShell™ SUPREME SA is not designed to withstand structural movement or to bridge openings greater than 1/8” in the deck. Self-stick HydraShell™ SUPREME SA will overlap its own surface. Take special care that the overlap is a minimum of six inches (6”) and that seams are shingled so the water will flow over rather than against them.
- 7) Where HydraShell™ SUPREME SA terminates on a vertical surface, it should be nailed securely and sealed with an exterior-grade polyurethane or latex caulk. Do not install over active solvents or sealants, flexible vinyl gasketing, EPDM rubber, or caulking containing silicone as this may cause the asphalt adhesive to liquefy and run.

8) Shingles, metal roofing, tile or other protection from sunlight must be applied over HydraShell™ SUPREME SA. HydraShell™ SUPREME SA must be covered within 90 days of installation.

9) Membrane should NOT be folded over roof edge unless covered by a gutter, mechanically fastened every 6" or protected with other flashing materials.

**WARNING:**

- Roof work can be dangerous - work carefully. Avoid falls by using safety harnesses, roof jacks and other proper equipment. Use caution when walking or standing on the product.
- This product is a vapor barrier - allow for proper ventilation.
- Refer to NRCA "ROOFING & WATERPROOFING MANUAL" for complete information about roofing details.
- Store material in carton - exposure to light will reduce adhesiveness. Keep product dry.