



4225 W. Ogden Ave. • Chicago, IL 60623 • Phone: (773) 522-1900

SEALTIGHT AIR-SHIELD

Self-Adhering Air-Barrier and Flashing Membrane

Provides a complete and tough “above-grade” water, air, and vapor barrier on a variety of construction materials.

Technical Description

SEALTIGHT AIR-SHIELD Self-Adhering Air-Barrier and Flashing Membrane is nominally 40 mils thick. The membrane’s controlled thickness is fabricated from cross laminated polyethylene bonded to specially modified asphalt.

This unique, self-adhesive membrane, protected by a special release paper, is strong and durable. It remains flexible when surface mounted and will adhere to most primed surfaces even at temperatures down to 25°F. The membrane won’t shrink, sag, dry out, crack, or rot.

It offers excellent resistance to punctures during installation. The self-healing characteristics of AIR-SHIELD facilitate recovery if damage is sustained.

Uses

SEALTIGHT AIR-SHIELD is ideal for numerous concealed flashing applications including parapet, thru-wall at-the-roof, head, window sill, thru-wall at-the-floor, spandrel, doorjamb and frame, foundation and expansion joint. In addition, it is used to protect seams around windows, doors, construction joints and penetrations, etc. Primary applications include cavity wall and masonry wall construction. AIR-SHIELD works equally well as an air or vapor barrier on concrete, masonry (concrete block) gypsum board, Styrofoam, plywood, primed steel, aluminum mill finish, anodized aluminum and primed galvanized metal.

Application

SURFACE PREPARATION: All surfaces to be protected must be clean, dry, frost-free and smooth.

PRIME: All surfaces to which AIR-SHIELD is to be applied must be primed with MEL-PRIME Water-Base or MEL-PRIME Solvent Base VOC Primer. Primer may be applied with a manual sprayer or roller to an area that is to be covered the same day. Uncovered areas must be re-primed the next day.

APPLICATION: Apply membrane to primed surface by removing the release paper and rolling the membrane firmly into place. Insure a membrane is fully adhered and remove all wrinkles. Cut the AIR-SHIELD Membrane with a utility knife to detail around protrusions and masonry reinforcing. Seal all end laps and protrusions with SEALTIGHT Pointing Mastic. Overlap subsequent courses of membrane a minimum of 2”. Vertical terminations of AIR-SHIELD should either be tied into the wall system or mechanically fastened with the use of SEALTIGHT TERMINATION BAR. When used as a flexible wall flashing, AIR-SHIELD should be recessed a minimum of 1/2” from the exposed face of the wall.

MASONRY