

Senergy[®]



AIR/WATER-RESISTIVE BARRIERS SELECTION GUIDE

BUILDING TRUST



AIR/WATER-RESISTIVE BARRIERS

SENERSHIELD-R, SENERSHIELD-RS AND SENERSHIELD-VB are one component fluid-applied air/water-resistive barriers. Waterproof and resilient and may be applied via sprayer, roller, trowel or brushed directly to approved wall substrates. Provides excellent secondary moisture protection behind most wall claddings including EIFS, stucco (slip sheet required), brick, siding, and metal panels.

BARRIER	SENERSHIELD-R	SENERSHIELD-RS	SENERSHIELD-VB
Air barrier	■	■	■
Vapor Retarder (Class 1)			■
Roller Applied	■	■	■
Spray / Airless		■	
Spray / Air Assisted	■	■	■
Brush	■	■	■
Trowel	■		
180 Exposure	■	■ *	■

*30 days if used as part of an adhesively attached wall system such as EIFS

ACCEPTABLE SUBSTRATES: PermaBase® Cement Board and other cement-boards conforming with ASTM C1325 (Type A-exterior); poured concrete/unit masonry; ASTM C1177 type sheathings, including, Weather Defense™ Platinum sheathing, GreenGlass® sheathing, eXP™ sheathing, GlasRoc® sheathing, Securock™ glass-mat sheathing, DensGlass® exterior sheathing DensElement (sheathing only); gypsum sheathing (ASTM C79/C1396); Huber Zip (sheathing only) Exposure I or exterior plywood (Grade C/D or better); or Exposure I OSB, Fire Treated wood sheathing; Pyro-Guard® and Dricon® plywood and FlameBlock® OSB.

SHEATHING	SENERSHIELD-R	SENERSHIELD-RS	SENERSHIELD-VB
ASTM C1177	450 at 10 mils	525 at 12 mils	290 at 26 mils
Cement Board	500 at 10 mils	575 at 12 mils	290 at 26 mils
Plywood	265 at 20 mils	295 at 24 mils	265 at 26 mils
OSB	265 at 20 mils	295 at 24 mils	265 at 26 mils
Concrete Masonry (CMU)	125-265 at 20 mils	125-265 at 24 mils	80-150 at 26 mils
Poured Concrete	500 at 10 mils	575 at 12 mils	290 at 26 mils

Roll or spray / backroll for optimum coverage rate. Other application methods may provide less coverage. Actual results may vary depending on surface porosity, roughness, moisture uptakes, type of OSB or other factors.

ACCESSORY PRODUCTS

SIKAWALL SHEATHING FABRIC: a reinforced non-woven polyester fabric designed for use with Senershield-R, Senershield-RS or Senershield-VB air/water-resistive barriers and tested in accordance with ICC-ES acceptance criteria AC212 for water-resistive barrier coatings, AC 148 for flexible flashing and ASTM E2357 for air barrier assemblies.

SIKAWALL FLASH SEAL NP: a 30-mil thick, self-adhering and sealing composite membrane of polyester fabric and butyl adhesive. Used as an air barrier accessory to connect different air barrier materials or assemblies together to make the air barrier continuous and as an expansion joint seal.

SIKAWALL MAXFLASH: a one-component, gun-grade, elastomeric material for use as a flexible waterproofing flashing membrane for rough openings. It can also be used to prepare sheathing joints for subsequent application of Senergy air/water-resistive barrier membranes.

ACCESSORIES	SHEATHING FABRIC	MAXFLASH	FLASH SEAL NP
Sheathing Joints up to ¼”	■	■	■
Sheathing Joints up to ½”		■	■
Expansion Joints			■
Transitional Membrane			■
Rough opening treatment	■	■	■





Our most current General Sales Conditions shall apply.
 Please consult the Data Sheet prior to any use and processing
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