

Moisture Management & Weather Barrier System

Self-Adhesive Housewrap

Model: VWC523SA

VWC523SA is a vapor-permeable, self-adhered water-resistive and air barrier with a full-coverage advanced acrylic adhesive backing.

It bonds to common exterior sheathing, seals overlaps and fastener penetrations, and provides a continuous protective layer without separate mechanical attachment during membrane installation.



Product Information

Width × Length	1.524 m × 30.48 m (5 ft × 100 ft)
Package	49 rolls/pallet
Compatible Substrates	OSB, plywood, MgO, exterior gypsum and CMU

Technical Specifications

Mass per Unit Area	260 g/m ² ASTM D3776/D3776M
Nominal Thickness	0.61 mm (24 mils)
Vapor Permeance	28 US perms ASTM E96/E96M, Method A
Installed Vapor Permeance	>20 US perms
Water Resistance	ASTM E2556 Type II
Air Permeance	<0.02 L/(s·m ²) at 75 Pa ASTM E2178
Surface Burning Characteristics	Class A ASTM E84
Grab Breaking Strength	MD: 448 N; CD: 278 N ASTM D5034
Elongation at Break	MD: 129%; CD: 111% ASTM D5034
180° Peel Adhesion	Aluminum: 1.008 N/mm; OSB: 0.439 N/mm; MgO: 0.857 N/mm ASTM D3330/D3330M, Method A
Adhesive Type	Full-coverage advanced acrylic
Adhesion Performance	Meets or exceeds AAMA 711 adhesion requirements referenced by ICC-ES AC308
UV Exposure	Maximum 180 days
Installation Temperature	Above -3.9°C (25°F) without primer*
Service Temperature	-40°C to 82°C (-40°F to 180°F)
Storage Temperature	4°C to 49°C (40°F to 120°F)

*Primer may be required on porous or challenging substrates. Install shingle-fashion with 4 in overlaps (6 in at corners) and firmly roll into place with a hard roller. Substrates must be clean and dry.