SIGA 1966

Majvest® 500 SA

System Guidelines
for Self-Adhered Vapor Permeable Water-Resistive Barrier and Air Barrier Installation

air barrier association of america
abaa
EVALUATED

Contents

PART 1 System Overview

1.1 INTRODUCTION

Majvest® 500 SA is a vapor-permeable, 3-ply membrane, with the reverse face fully coated by a pressure-sensitive glue for direct bonding to substrates. The adhesive side of the sheet is protected by a white, siliconized, split-release liner which is removed during installation. Use the SIGA products below to complete a resilient, above-grade exterior building envelope.

These guidelines will outline the materials and process required to achieve a long-lasting water-resistive barrier (WRB) and air barrier (AB) assembly in commercial buildings. Majvest 500 SA is designed to meet or exceed industry standards for a vapor-permeable WRB and AB as prescribed by IBC and IECC.

This document is intended to portray broad installation practices and detailing methods, for the convenience of contractors, specifiers, and other construction professionals. It is the responsibility of the design Authority of Record to confirm or adapt these guidelines to support project-specific parameters and local code compliance. For procedures and conditions beyond the scope of this document, or for assistance with modifying specific details, please consult your local licensed design professional or SIGA representative.

Penetrations, windows, and other critical transitions may be detailed either before or after the Field WRB (flat-wall area application of WRB material). Use the Target (or 'Strip-In') Method when sealing these details before the Field WRB. Use the Cut-Out Method when installing the Field WRB before penetrations and windows.

1.2 COMPONENTS

Use the SIGA products below to complete a resilient, above-grade exterior building envelope. Additional product data can be found at the end of these Guidelines or at https://siga.swiss

Majvest 500 SA
self-adhered vapor-permeable water-resistive and air barrier membrane: 18" and 60" widths

Wigluv® 60
highly elastic, semi-permeable tape for sealing membrane overlaps and penetrations: 2.4" wide

Wigluv 100/150/230
low-profile, semi-permeable flashing for window and door installation: 4", 6", 9" widths

Fentrim® 230 grey
pre-folded, semi-permeable exterior tape for sealing windows and doors: 3", 4", 6" widths

Fentrim IS 20
pre-folded, fleece-backed interior tape for air sealing windows and doors: 3", 4", 6" widths

Dockskin®
penetrating primer for concrete or porous substrates: 2.2 lb bottle

1.3 USAGE & SUBSTRATE MATRIX

	Majvest 500 SA	Majvest 500 SA Detail Roll	Wigluv 60	Wigluv 100/150/230	Fentrim 230 grey	Fentrim IS 20
RECOMMENDED USAGE						
Field WRB	■	■				
Pre-stripping		■				
Penetration Sealing			■	■		
Fenestrations		■		■	■	
Fenestrations (Interior Air-Sealing)						■
Substrate Transitions		■		■		
Expansion Joint				■		
Damage Repairs to Air Barrier		■	■	■		
Reverse Laps			■	■		
SUBSTRATES WITH RECOMMENDED MINIMUM OVERLAP						
Plywood	2"	2"	1"	1"	1"	1"
Exterior Gypsum	2"	2"	1"	1"	1"	1"
OSB	2" *Dockskin	2" *Dockskin	1"	1"	1"	1"
Metal	2"	2"	1"	1"	1"	1"
Rigid Insulation XPS, EPS, PU	2"	2"	1"	1"	1"	1"
Concrete	4"	4"		2" *Dockskin	2"	2"
Hard Plastics			½"	½"	½"	½"
Electric Cables			½"	½"	½"	½"
Majvest 500 SA	4"	4"	1"	1"	1"	1"

PART 2 Air Barrier Design Considerations

Use of Majvest 500 SA membrane will support creation of a durable exterior air-barrier assembly, in addition to performing as a robust weather-resistive barrier. The continuous bonding of the membrane to the wall substrate offers significant advantages in reducing air and moisture movement behind the installed membrane, the importance of which is amplified in multi-story constructions.

Completing a whole-building air-tightness approach requires maintaining this continuous and sealed layer, as it transitions in, out, and around structural components, penetrations, and claddings (see Figure 1). Proper detailing, construction sequencing, and material selection are essential to achieving this additional air-tight attribute.

① Parapet / Roof to Wall

② Cladding attachments

③ WRB Overlaps

④ Changes in Substrate

⑤ Flashing Integration

⑥ Fenestrations

⑦ Penetrations

⑧ Foundation to Wall

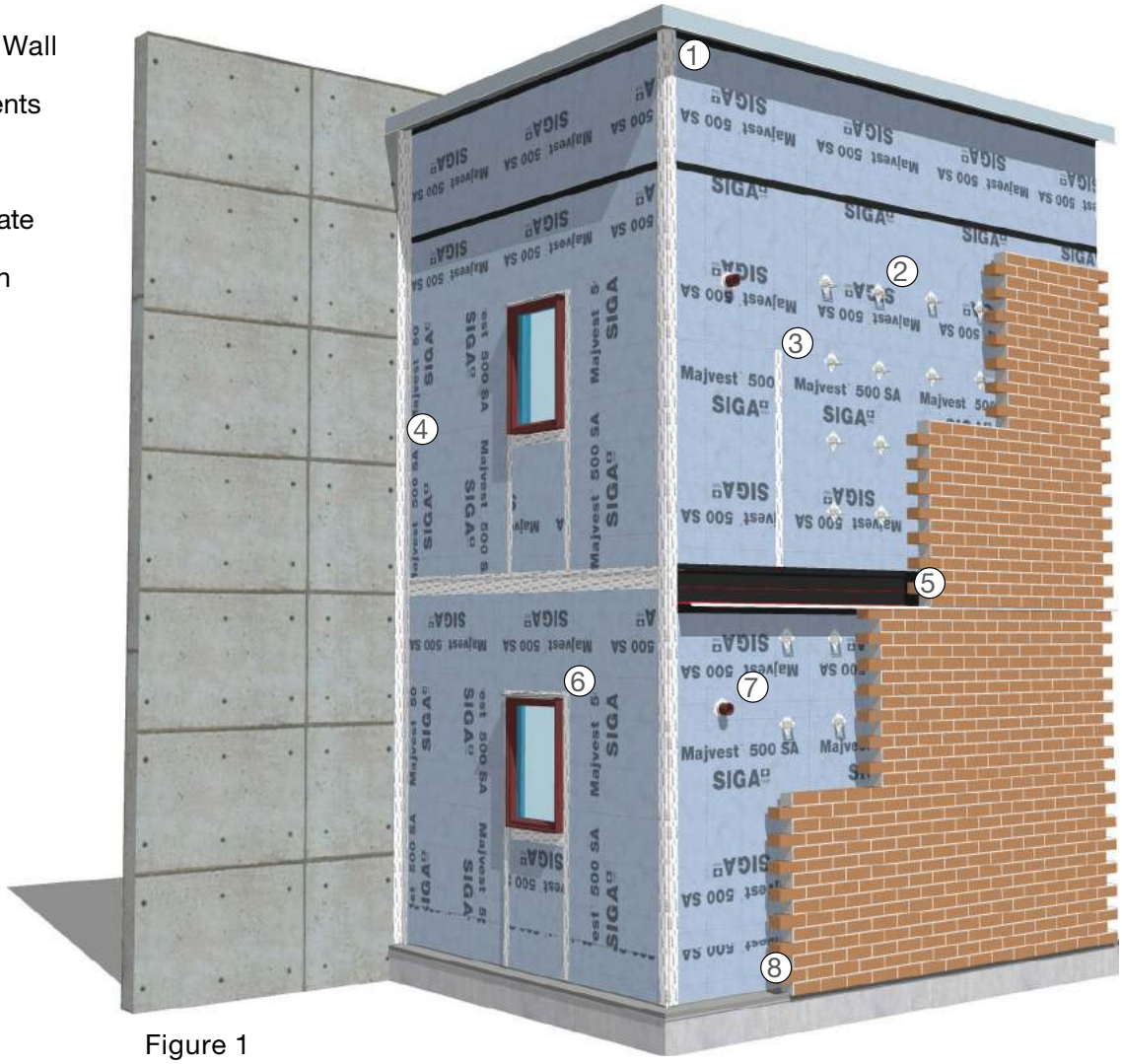


Figure 1

PART 3 Work site Parameters

3.1 Preconstruction

Air-barrier continuity requires collaboration between everyone involved on the building project. For best results, convene a preconstruction meeting with all parties relevant to building envelope construction, before proceeding with WRB installation.

- Construct a project-specific mockup to manage the constructability, compatibility, and sequencing of different materials and processes
- Full curing of all sealants and subsequent water intrusion and air-tightness testing is recommended
- Ensure that all building components e.g. windows, doors, penetrations, etc. are installed in accordance with the manufacturer's instructions

3.2 Substrate Preparation

Proper substrate preparation will help ensure reliable adhesion, which will maximise the air-barrier function of Majvest 500 SA.

- Substrate should be smooth, dry, and free of debris, frost, grease, contaminants and sharp edges
- Mechanical fasteners should be installed flush to the substrate surface
- Masonry joints should be struck flush
- Concrete must be cured 14 days before installing Majvest 500 SA
- Voids over 1" should be filled and tooled flush, using compatible sealant or sprayfoam

3.3 Priming

Primer is not required for most common substrates. The usage of primer can depend on site-specific conditions: installers may choose to reinforce highly porous, loose textured, or exposure-damaged surfaces with SIGA Dockskin penetrating primer.

- Conduct a pull-test on-site for any questionable conditions
- Re-coat any primed surfaces left exposed at the end of the working day before adhering Majvest 500 SA
- For further details, refer to Technical Bulletin KM10184 "Majvest 500 SA: Statements of Material Compatibility"

3.4 Site Conditions

- Install Majvest 500 SA in ambient temperatures of 14°F (-10°C) and above
- Maximum UV exposure of installed Majvest 500 SA, per Climate Zone as defined by the IECC:
  > Climate Zones 3 to 8: 6 months
  > Climate Zones 1 and 2: 3 months
- Cover Majvest 500 SA as soon as practical after installation
- Do not install in rain or inclement weather, or when substrate is damp or frost-covered
- Protect in-progress installations from wet weather; refer to Section 4.4
- Avoid accumulation of dirt and debris onto facer during installation

3.5 Storage

- Store Majvest 500 SA in original packaging in a cool, dry location
- Protect from UV exposure during storage
- No long-term storage limitations, when above conditions are maintained

PART 4 Installation Requirements

Best-practices for installing self-adhered membranes follow the familiar weather-lapping and durability basics of any water-shedding surface. Take advantage of the adhesive backing by using the following techniques, which increase overall speed and can enable single-worker application. The adhesive-layer of Majvest 500 SA is pressure sensitive, and all installed areas must be heavily burnished.

4.1 Tools Required

- SIGA Squeegee 12" or similar pressure application tool
- sharp razor knife
- tape measure
- pencil or chalkline

4.2 Overlap Requirements

- minimum vertical and horizontal overlap is 4" (see Figure 2)
- Majvest 500 SA is non-directional and may be installed horizontally or vertically
- all vertical overlaps shall be fully terminated using a continuous strip of Wigluv 60 or wider
- offset vertical joints (8" minimum) to avoid paths for moisture intrusion at tangential overlaps

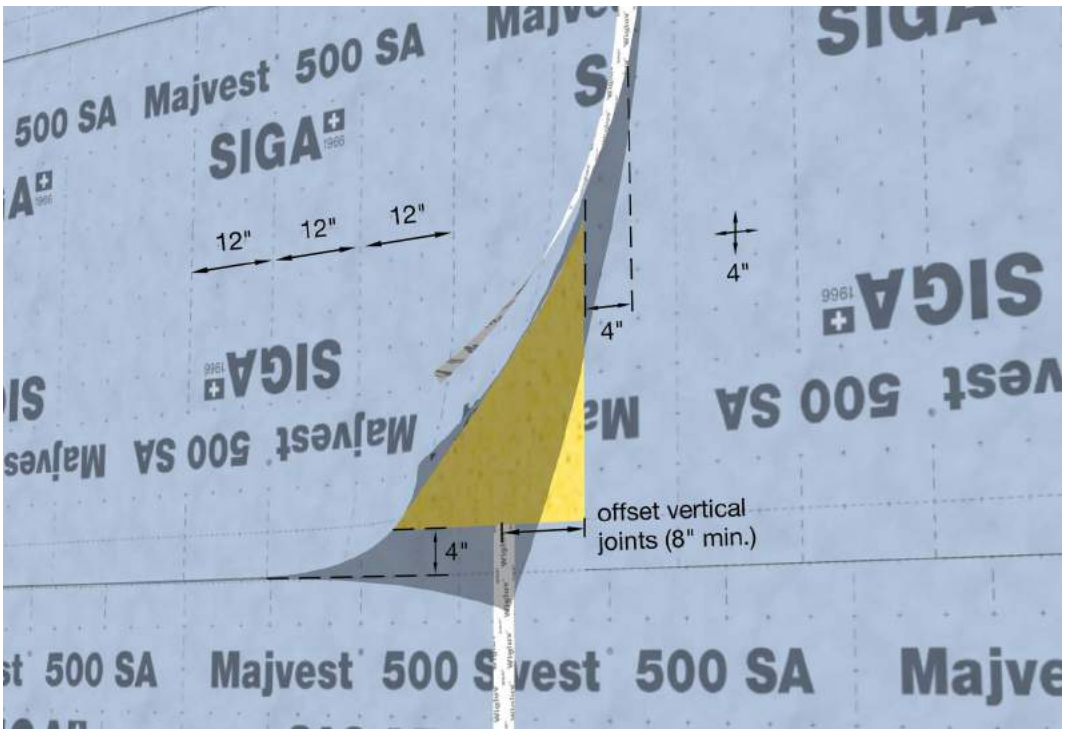


Figure 2

4.3 Sheet Installation Process

1. Back roll
- pre-cut material to length, before adhering to the wall. Favor shorter, square pieces.
- markings are printed every 12" for tool-free measuring
- back-roll onto itself (with release film facing outward) for easiest handling

2. Establish level
- mark course height using a pencil or chalkline, or by using overlap guide on previous course
- ensure 4" minimum horizontal and vertical overlap, aided by factory-printed grid and overlap guides

3. Start one upper corner
- peel back upper corner of release liner and position onto wall at leveling mark
- apply pressure to adhered area

4. Position upper half of membrane
- gradually peel off release liner while applying flat to wall, maintaining level
- smooth lightly from center out, to minimise wrinkling and air bubbles

5. Position lower half of membrane
- gradually peel release liner from bottom half
- smooth lightly by hand while removing (shown), to minimise stretching and wrinkles

6. Press on firmly
- apply heavy pressure to entire surface using SIGA Squeegee (shown) or counter-top roller

4.4 Working Methods

4.4.1 Layering Strategy

- install courses in water-shedding fashion, starting at the base of wall and working upwards
- pre-strip windows and penetrations prior to installing the Field WRB to reduce incidence of reverse laps
- favor shorter sections of material and straight cuts

4.4.2 Material Management

- pre-cut multiple lengths of material and back-roll on itself
  > recommended manageable working length is 12', maximum 20'
  > label length of each pre-cut roll on the white release liner using a lumber crayon (soft)
  > stage pre-cut rolls vertically until wall application
- use the factory printed grid (every 4") and perpendicular dashed lines (every 12") to simplify measuring (see Figure 2)
- retain portions of the plastic release liner in place, to ensure proper lapping when construction steps
  are out-of-sequence

4.4.3 End of the Working Day

- provide temporary weather protection for leading edges of Majvest 500 SA on any unfinished wall fields where membrane application has begun (Figure 3)
- terminate any horizontal (reverse lapped) and vertical edges with Wigluv 60 or 100
- plastic sheeting may also be used if installed to resist wind and moisture
- return partial membrane rolls to storage and protect from moisture and UV

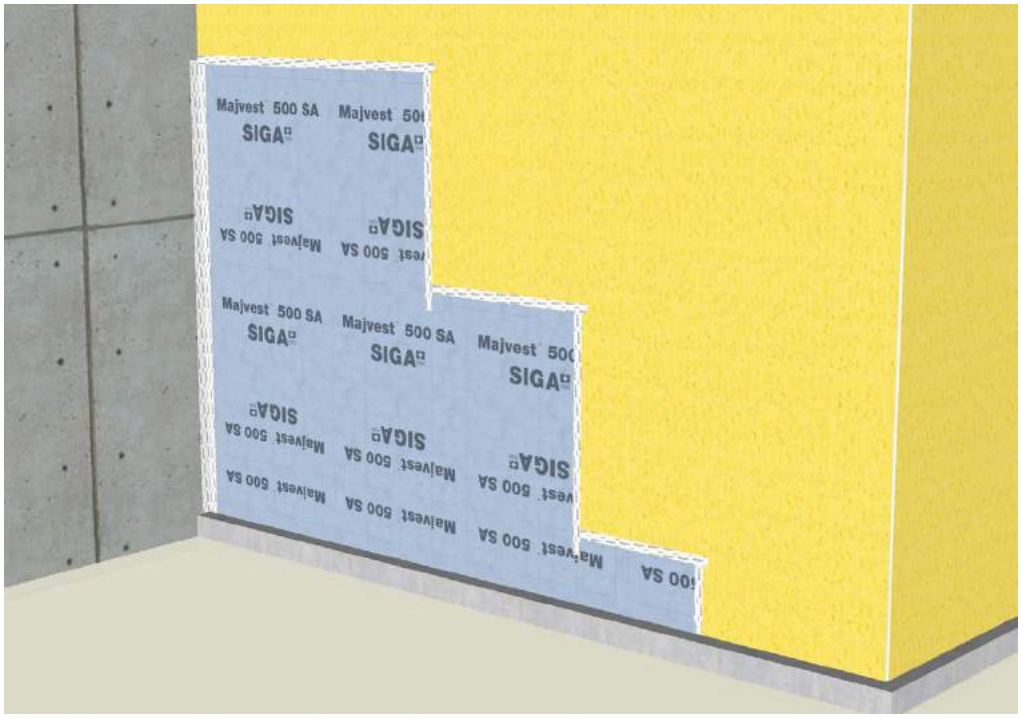


Figure 3

PART 5 Construction Details

5.1.1 Target Method Option

Penetrations may be detailed either before or after the Field WRB has been installed. Use the Target Method when sealing Penetrations before Field WRB. Target Method promotes a full drainage plane integration with the WRB course, as described below.

1. Cut a rectangular "Target" of Majvest 500 SA a minimum of 6" around entire penetration

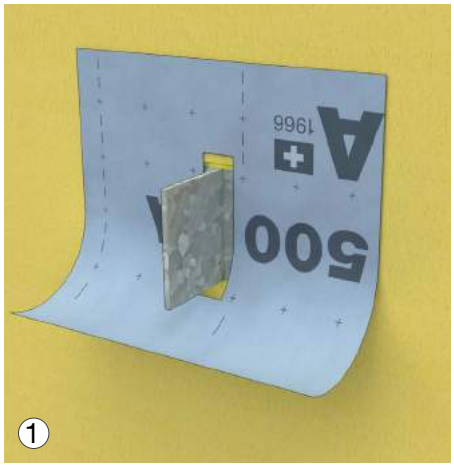
- 18" Detail Roll is recommended
- cut an opening ½" larger than size of penetration, centered in the Target
- remove backing material from upper portion only
- apply to wall, leaving a flap of un-adhered material below the penetration

2. Seal penetration with Wigluv (steps not shown: see 5.1.2 or 5.1.3 for instructions)

3. Shingle lower course of Majvest 500 SA field membrane beneath

4. Install upper course of Majvest 500 SA field membrane:

- create a u-shaped cutout around penetration
- maintain required overlaps between sheets



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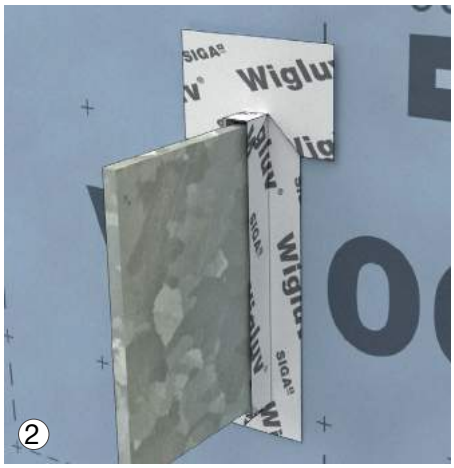

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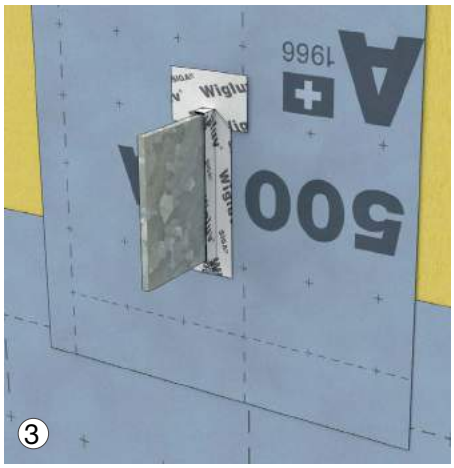

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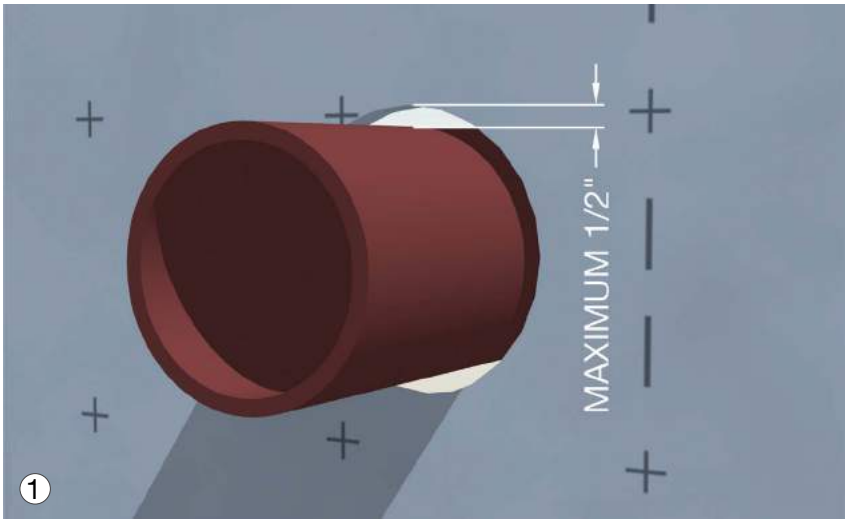
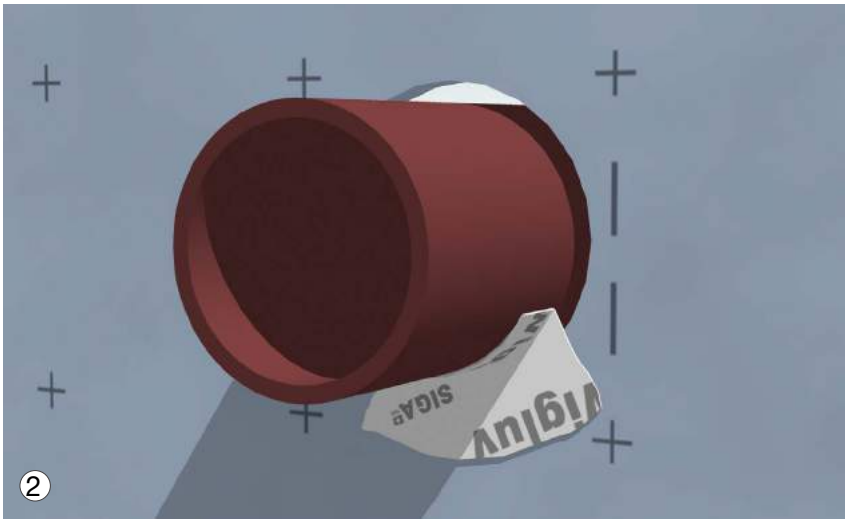
5.1.2 Round Penetrations

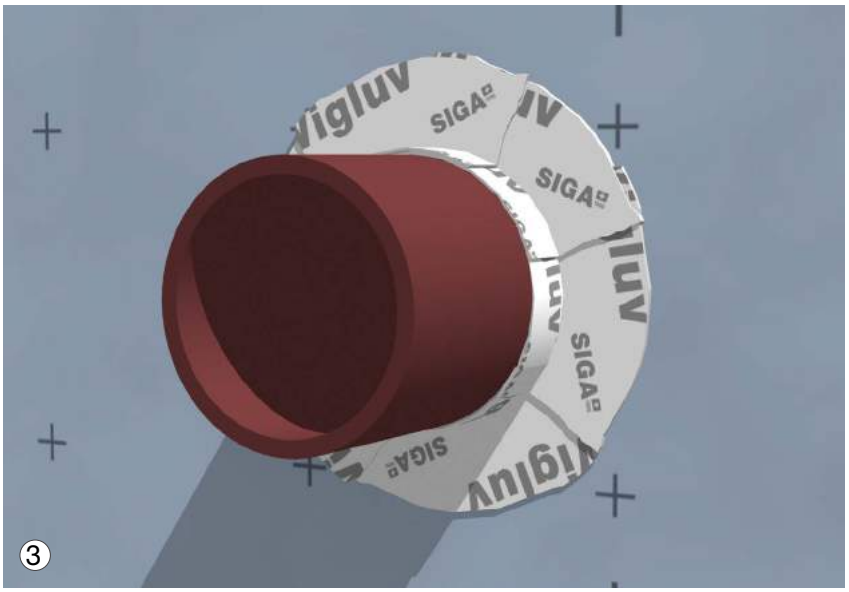
1. Cut Majvest 500 SA cleanly around penetration
- recommend unsupported gap of 1/2" maximum

2. Create a gasket with short pieces of Wigluv in weatherlap fashion
- fold tape lengthwise
- apply to penetration, then to Majvest 500 SA
- press on firmly

3. Repeat, overlapping each piece of tape to assemble a gasket
- always finish with the top piece







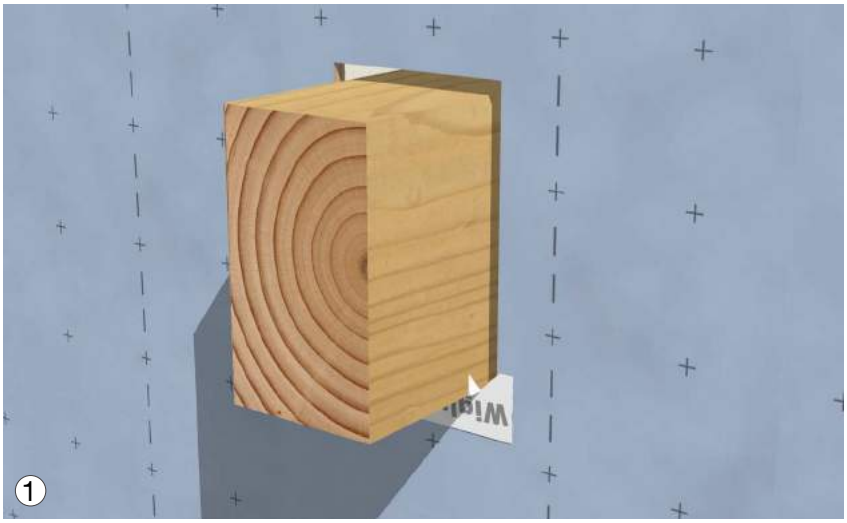
5.1.3 Square Penetrations

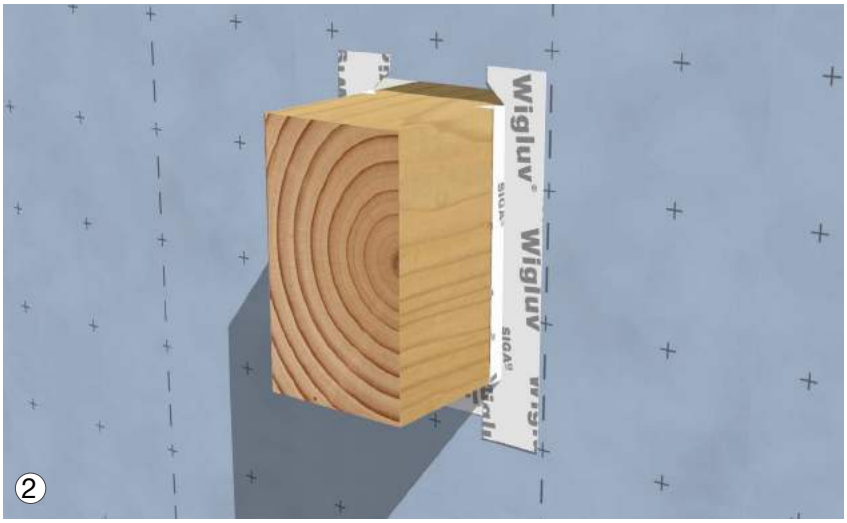
1. Trim Majvest 500 SA 1/2" larger than the penetration and seal in weatherlap fashion, starting at the bottom edge

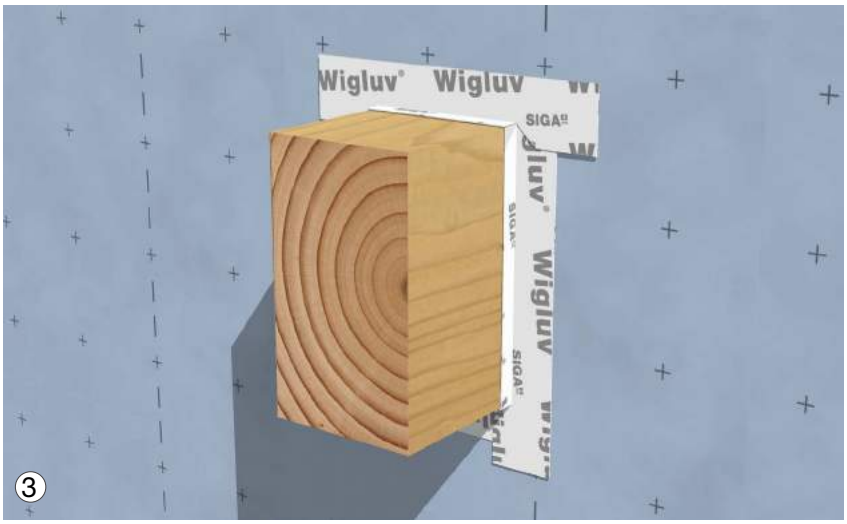
- cut piece of Wigluv to extend 1" past left and right horizontal edge of penetration
- fold Wigluv in half lengthwise and bond to penetration, then to Majvest 500 SA
- make 45° cuts at each end, from the inside corner outward
- press on firmly

2. Repeat for 2 vertical lengths of penetration

3. Repeat for horizontal top edge, extending minimum ½ " wider than vertical pieces







5.2.1 WRB Preparation: Target Method

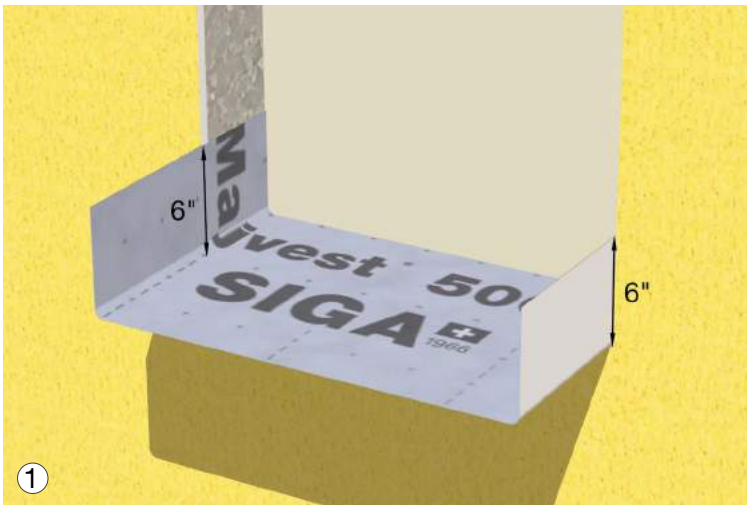
For installations where windows will be installed before the Field WRB, create a flashed "target" around the Rough Opening (RO) using Majvest 500 SA and Wigluv. The 18" Detail Roll is recommended for ease of use.

Sizing Requirements:
– minimum width: RO depth + 9"
– length: RO width + 12" (to extend 6" past each end)

1. Apply apron to sill and up onto jambs
- remove upper release liner ONLY
- center material left to right in RO
- justify exposed factory edge to interior edge of framing and apply to sill
- fit material tightly into corners and up 6" onto jambs

2. Fold apron down
- make a relief cut downwards, flush along each jamb to corner
- fold remaining ‘apron’ over front edge of sill
- DO NOT REMOVE LOWER RELEASE LINER

3. Terminate leading edge of apron on either side of RO using strips of Wigluv



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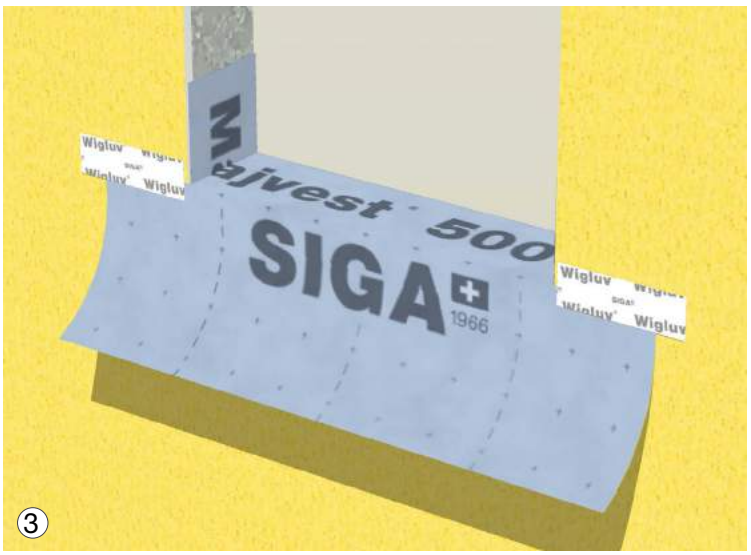

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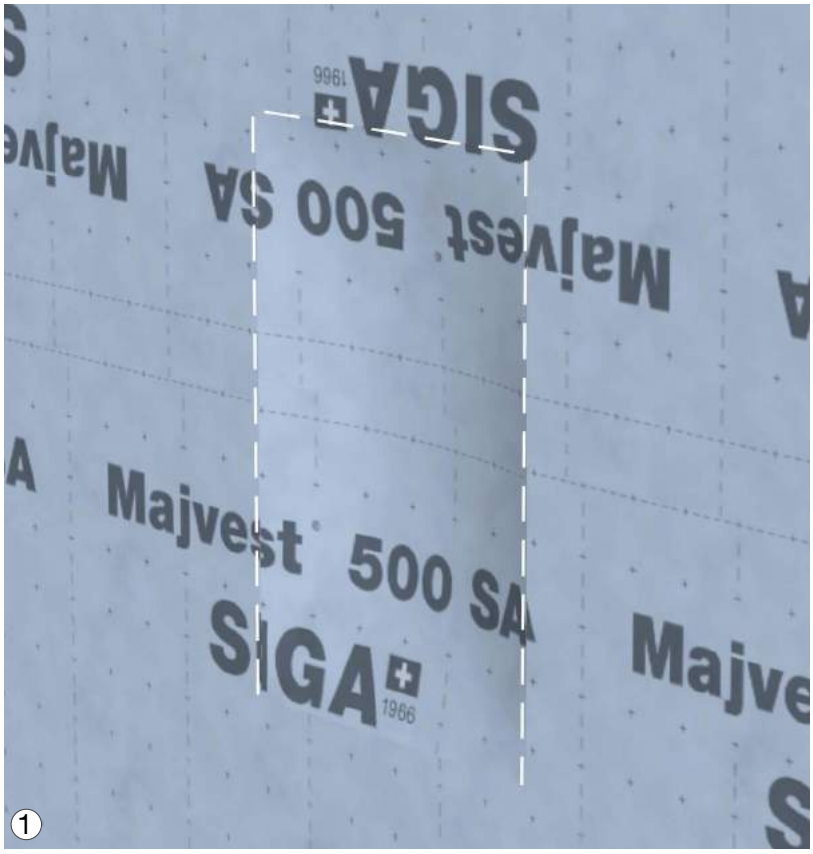
5.2.2 WRB Preparation: Cut-Out Method

For installations where the Field WRB will be installed before the Windows, Majvest 500 SA is applied directly over the Rough Opening (RO).

1. Cut out the RO
- Make 3 flush cuts: along entire length of head and both jambs

2. Fold onto Sill
- Crease flap of loose material along sill edge and into opening. Press on firmly and flush cut excess at interior edge of RO



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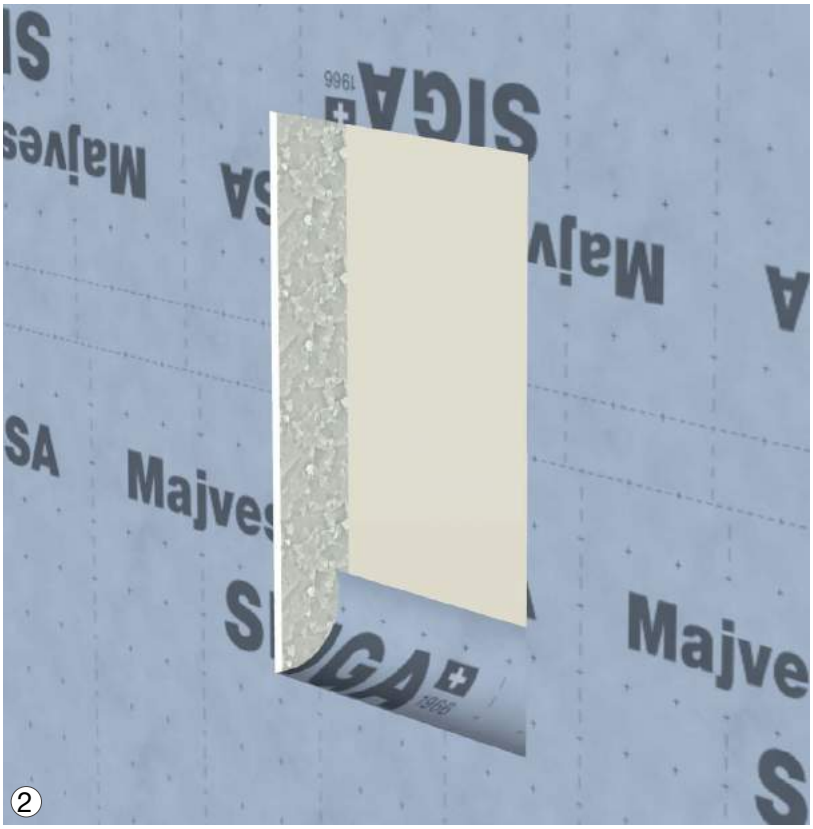

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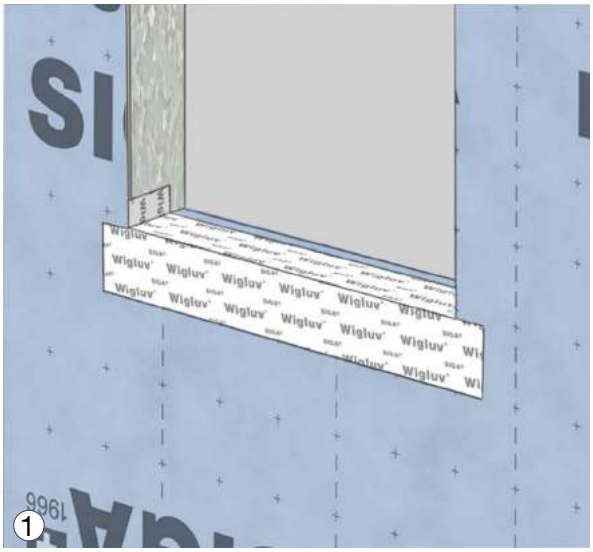
5.2.3 Pre-Flashing

Requirements:
– minimum coverage 3" onto exterior sheeting
– coverage into RO ≥ thickness of window
– process is the same for either type of WRB preparation (Cut-Out Method shown)

1. Flash sill
- cut to length: full width of sill +4" (to extend 2" past each end)
- crease along split backing and remove one backing strip
- center and apply to exterior face
- cut along crease from each corner to end
- remove second backing strip and fold into RO
- work out from center, upturning excess at each end
- press on firmly

2. Create gusset with Wigluv 100
- cut to length: full depth of RO + 3"
- crease along split backing
- trim off 45° angle ‘dog-ear’

3. Sill gussets
- install crease into lower corners of RO
- fold surplus onto exterior at a 45° angle
- spread from center to reduce wrinkling
- press on firmly



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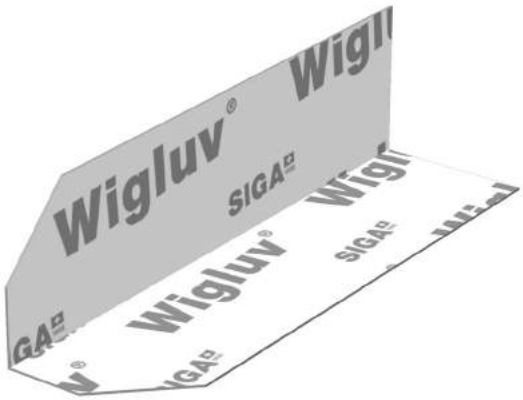

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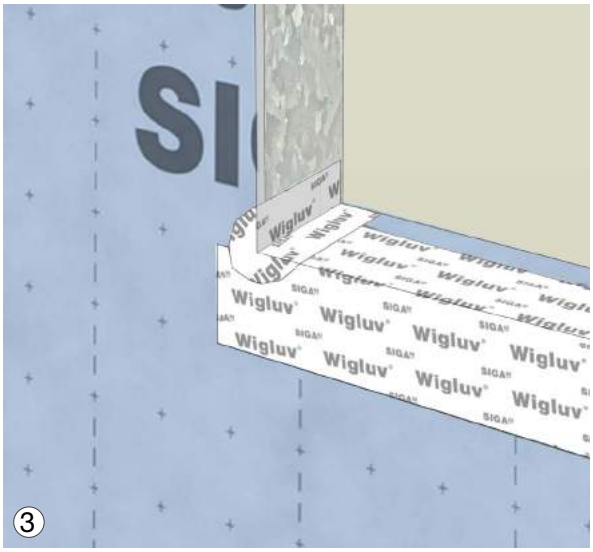

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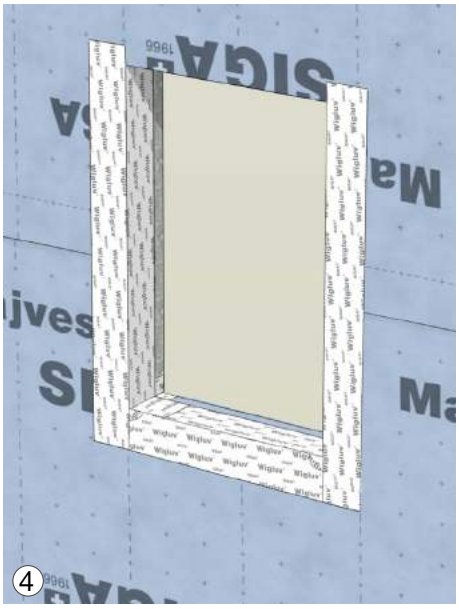
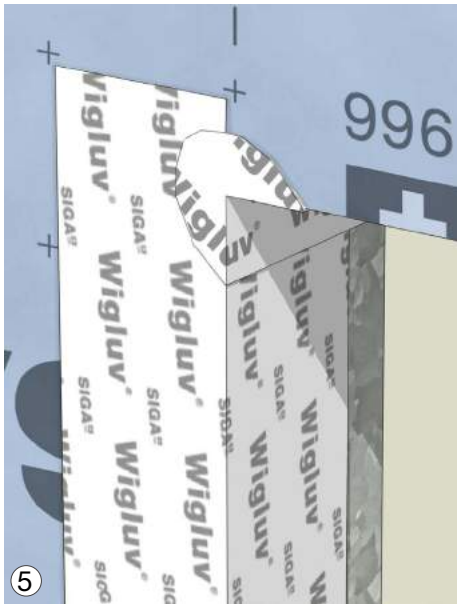
4. Flash jambs
- cut to length: top of jamb +2" and flush to bottom edge of Wigluv sill flashing
- repeat sill flashing method

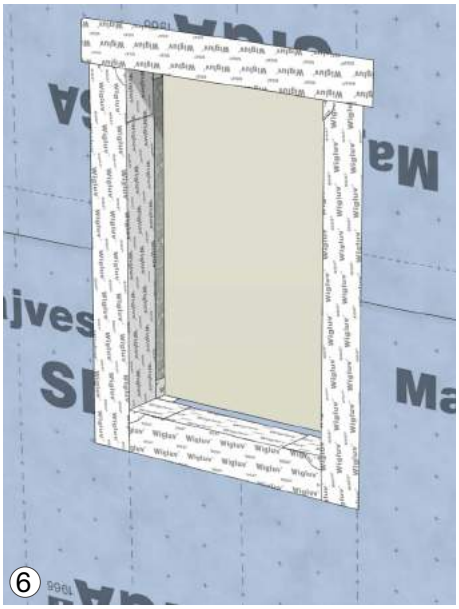
5. Head gussets
- repeat steps 2+3, at upper corners of RO

6. Flash head
- cut to length: minimum 1" wider than outer edges of jamb flashings
- repeat sill flashing method

7. Proceed with window installation per manufacturer's recommendations. See 5.2.3 or 5.2.4.







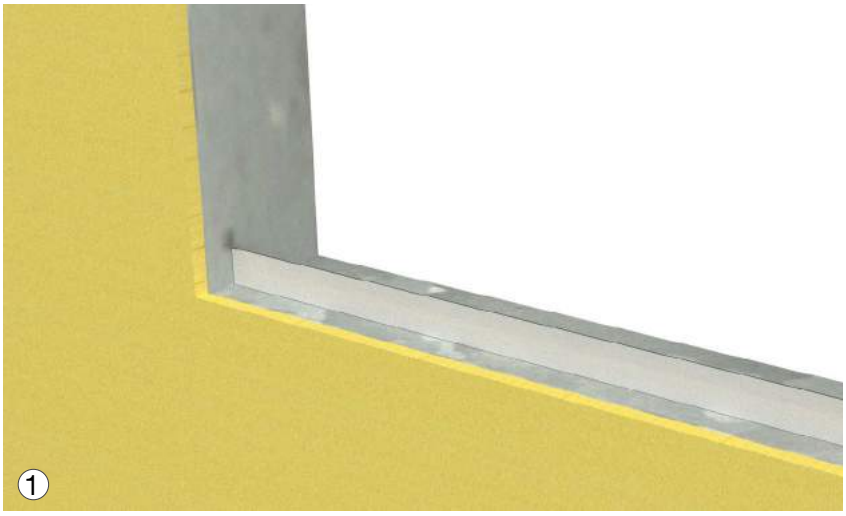
5.2.4 Back-dam Waterproofing

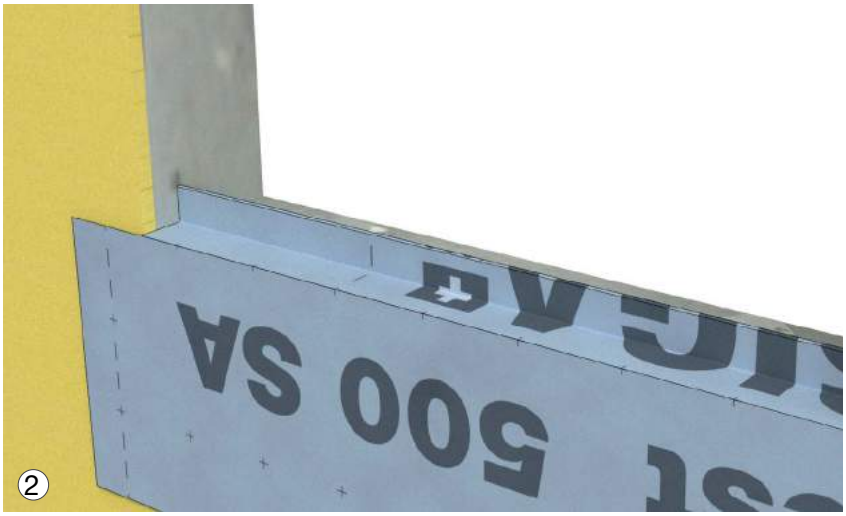
Sill drainage strategy will enhance the long-term durability of window installations, and may be mandated in certain jurisdictions. A rigid back-dam with flat sill and Wigluv-formed pan is illustrated here. For additional options, consult your local SIGA representative. Install Back-dam procedure in conjunction with Pre-Flashing sequence.

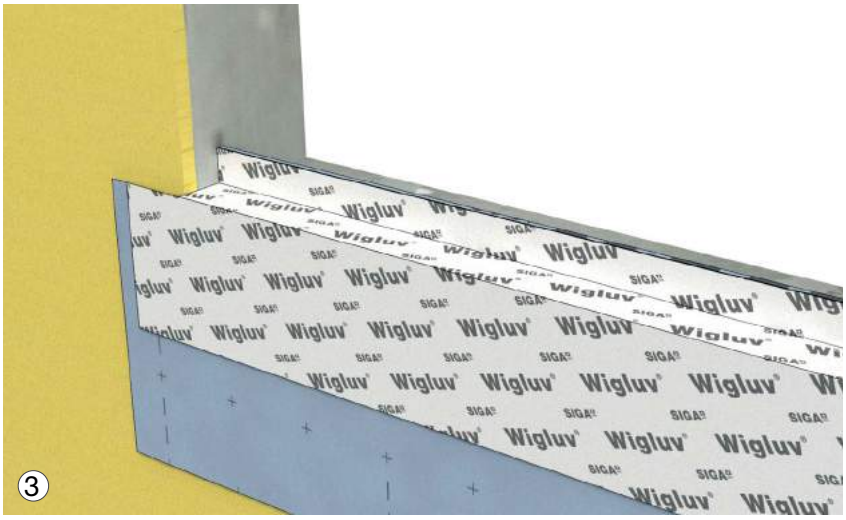
1. Fix back-dam material to sill per project specification (aluminum angle shown)

2. Cut out a notch at each end, and fold Majvest 500 SA up to and over top back-dam material

3. Flash sill with Wigluv
- length should extend 2" wider than each end of RO
- cut out a notch at each end
- fold Wigluv into RO, maintaining continuous contact with substrate while contouring over the top of back dam





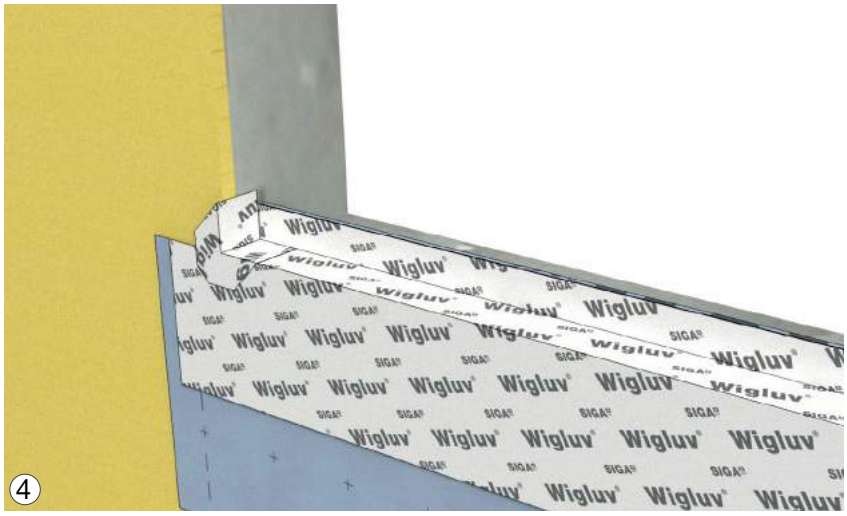


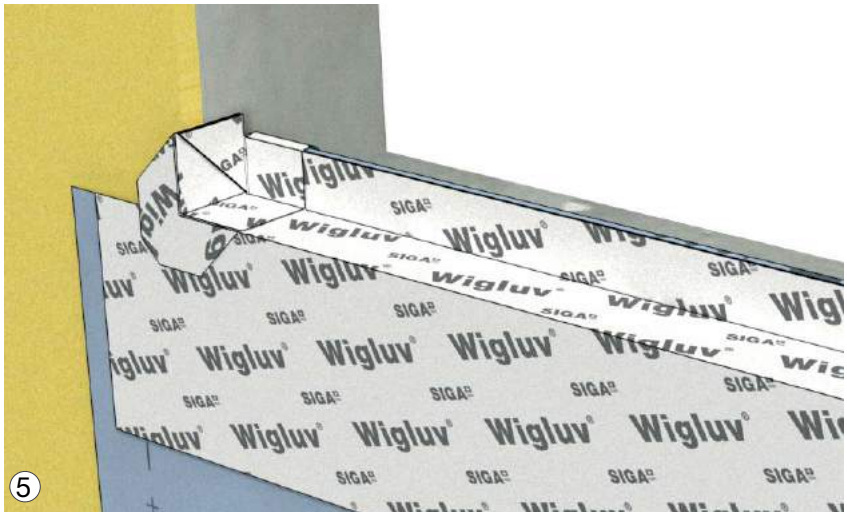
4. Install Sill Gussets with Wigluv 100
- cut to length: back-dam depth + 3"
- install into lower corners of RO
- fold surplus down at a 45° angle onto the exterior

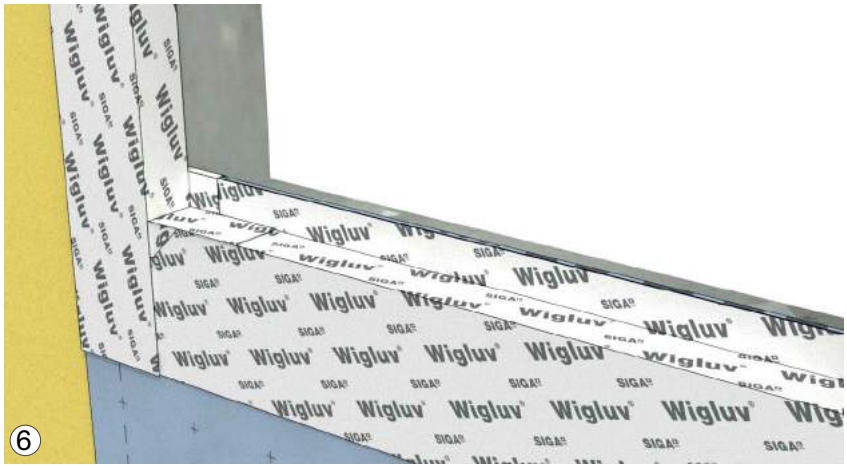
5. Install 3D corner boot (see 5.2.5)

6. Flash jambs
- RO return dimension = back-dam depth
- ensure handle from boot is sealed underneath
- maintain 3" minimum width coverage on exterior

7. Continue with remaining Pre-Flashing Steps







5.2.5 Sill-Pan Boot Creation

Use Wigluv 100 to construct a 3-dimensional, watertight inside corner.

1. Cut 4" piece of Wigluv 100 and crease along split backing

2. Remove 2" of backing material and crease

3. Fold exposed adhesive at 45° onto itself, so that the tape crease meets the backing crease

4. Unfurl the object and establish boot shape

- position into corner using triangle handle
- remove backing strips and bond

5. Trim top of boot to end-dam height and fold excess Wigluv onto or over back-dam

- ensure triangle handle is covered by jamb flashing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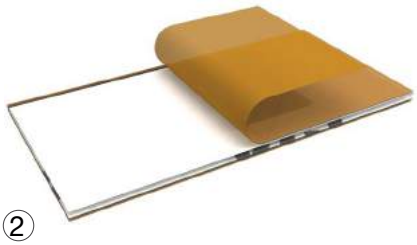
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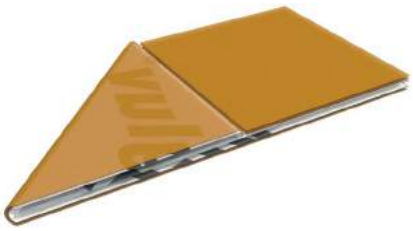
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④


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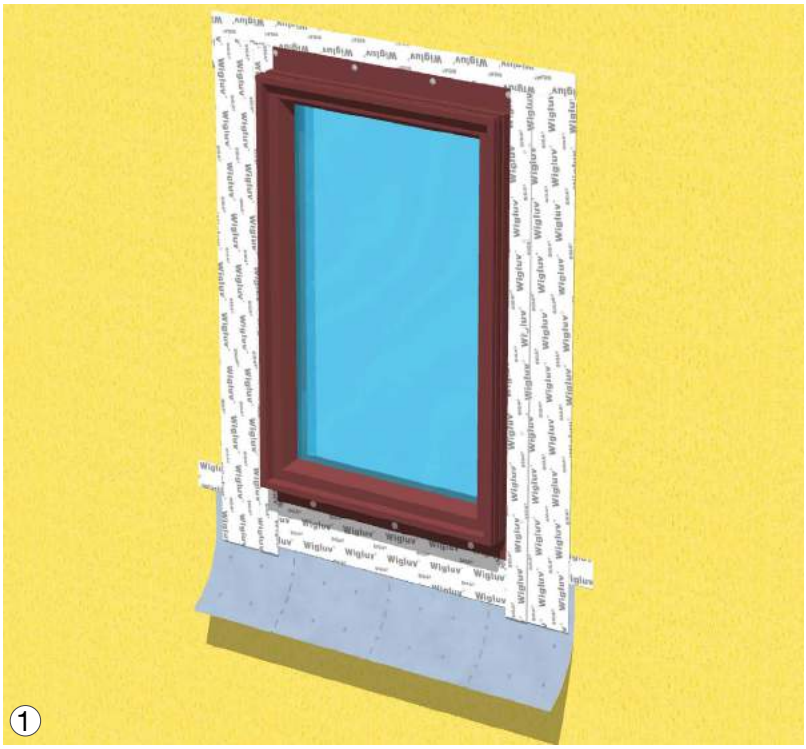
5.2.6 Window Installation: Flanged

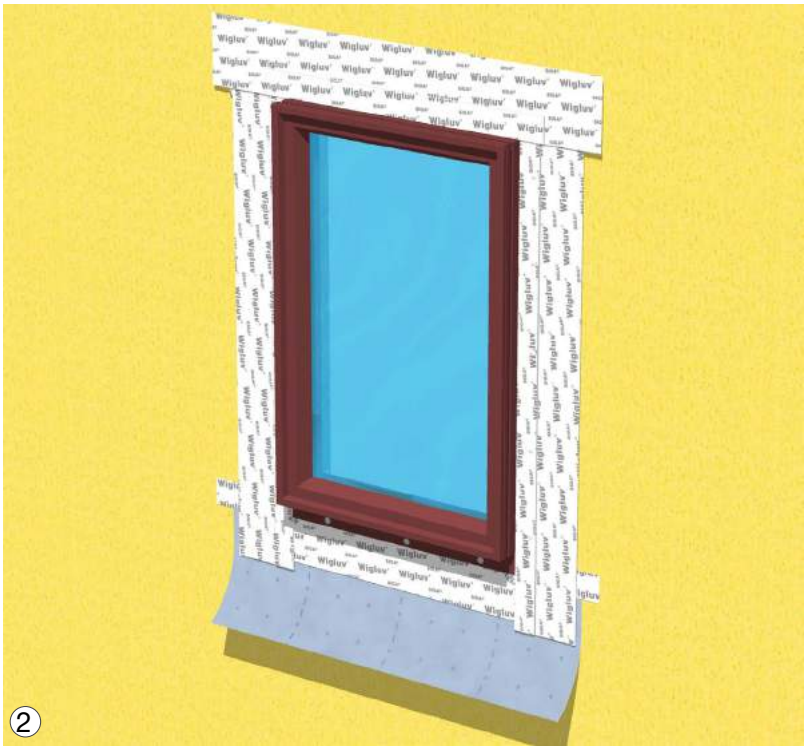
Install window according to manufacturer's instructions before counterflashing.

Sizing Requirement:
– Wigluv 100 or wider to counter-flash nail flange

1. Counterflash jambs
- cut Wigluv full length of flange +1" at both top and bottom
- remove backing strips and press on firmly
- ***Do not tape bottom (sill) flange, to allow for drainage!

2. Counterflash head
- cut Wigluv full span of jamb flashing +1" at each end
- remove backing strips and press on firmly





5.2.7 Window Installation: Non-Flanged

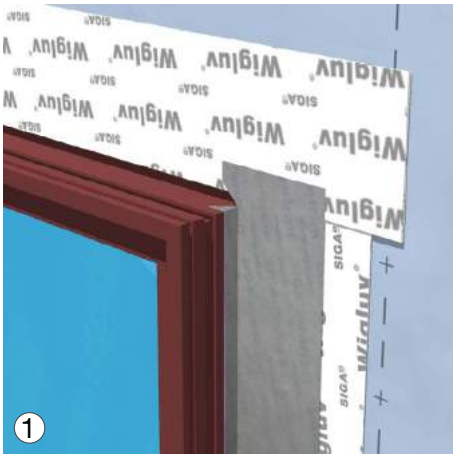
Use pre-folded Fentrim 230 grey as shown to create a water-shedding baffle or perimeter airtight seal if allowable by code.

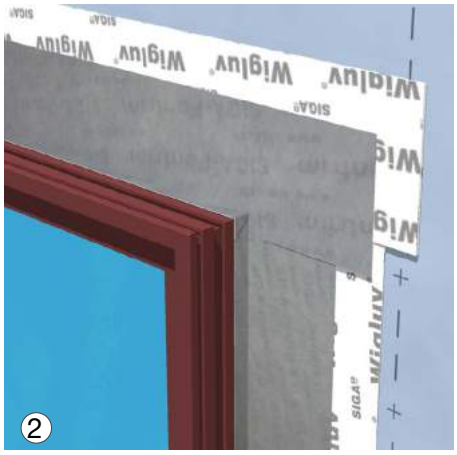
Install window according to manufacturer‘s instructions. Shim to maintain consistent 1/2" insulation gap around entire perimeter.

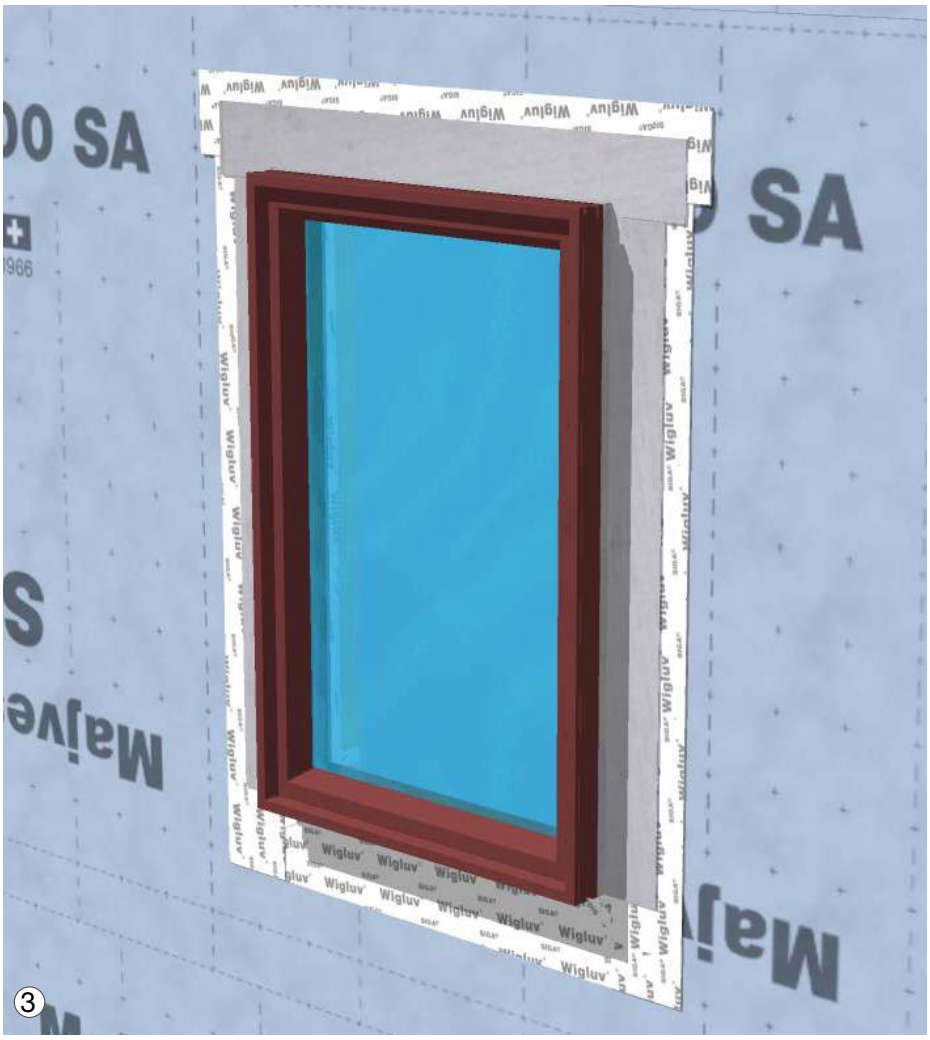
1. Seal window jamb profiles
- install Fentrim 230 grey along full length of jamb profile and extending +1" past top edge
- do NOT cover joint at sill to allow for drainage, unless specified by manufacturer and allowable by code
- make 45° relief cut from each upper corner and bond triangle flap to window

2. Seal window head profile
- install Fentrim 230 grey along full length of head profile and extending +1" past each edge of jamb tape
- repeat 45° relief cut from each upper corner. Bond triangle flap to window

3. How it should look







5.2.8 Post-Window WRB Integration: Target Method

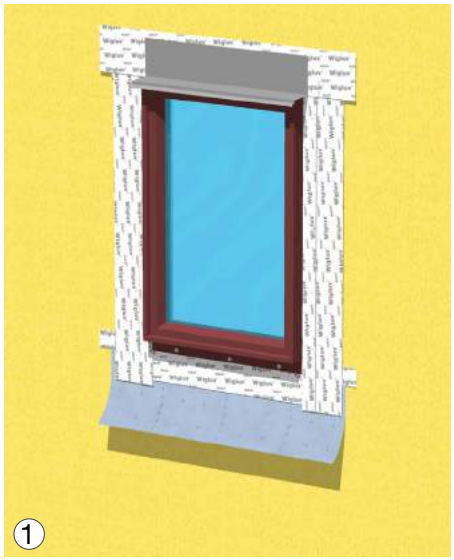
Begin with fully-flashed window (see 5.2.6 or 5.2.7) with apron intact

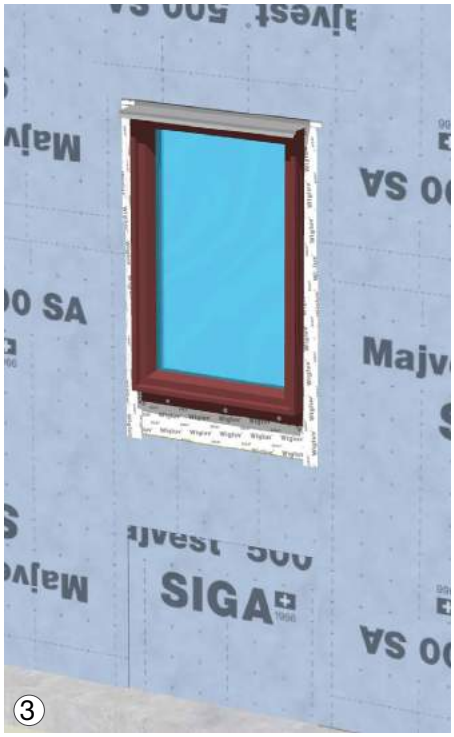
1. Install metal head flashing per project spec

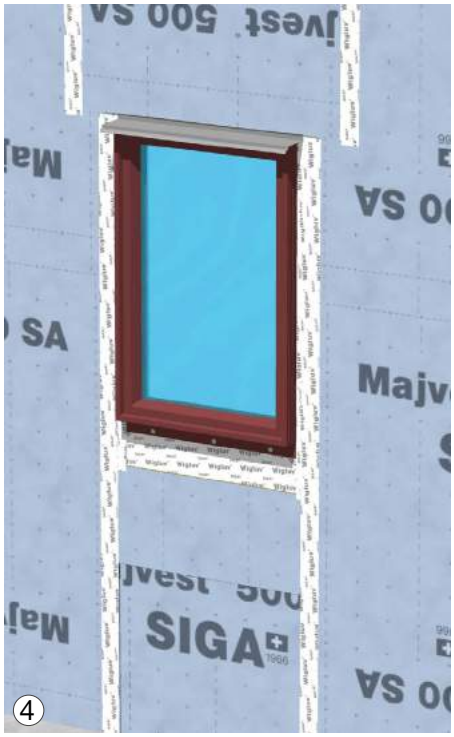
2. Extend the apron
- install a section of Majvest 500 SA the same width as the apron, from the window sill down to the next lower course
- remove backing strip and bond the overlap
- press on firmly

3. Install surrounding Field WRB courses, providing 1" offset of Majvest 500 SA at jambs to allow for sealing vertical edge

4. Terminate vertical overlaps with Wigluv and press on firmly







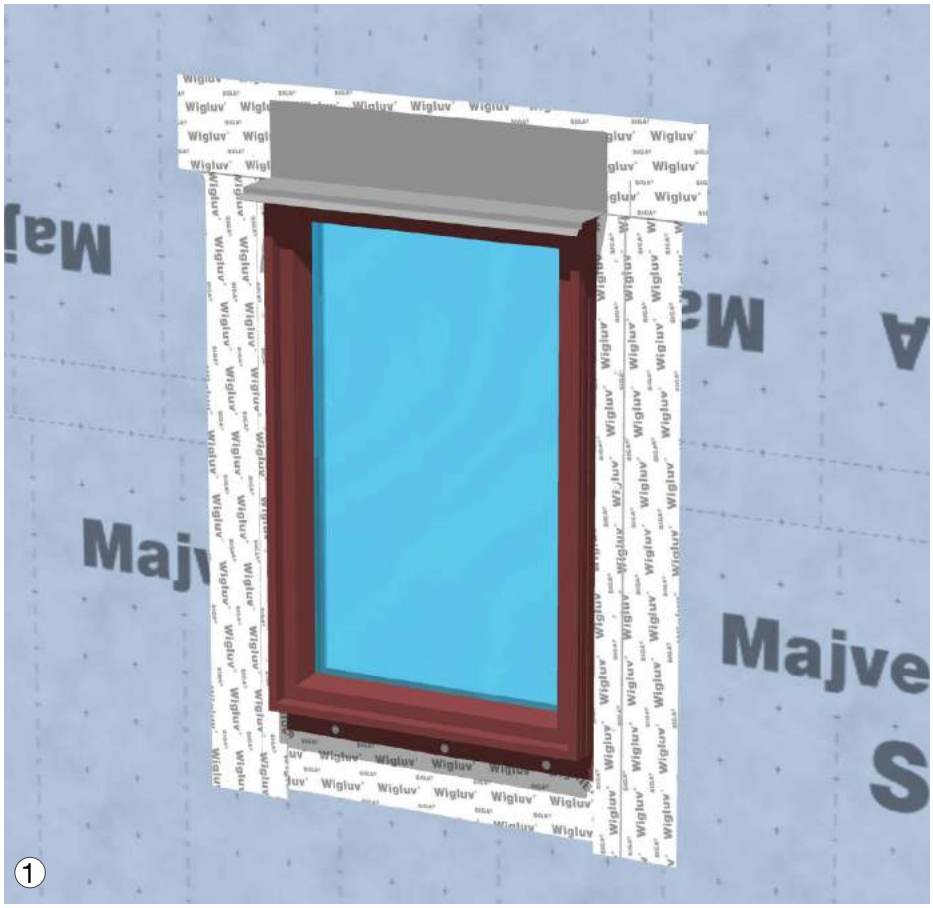
5.2.9 Post-Window WRB Integration: Cut-Out Method

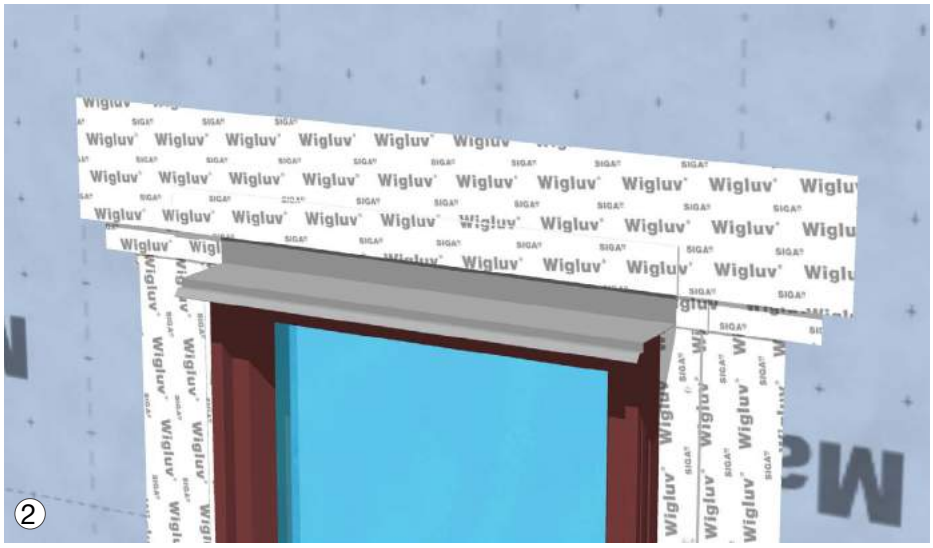
Begin with fully-flashed window (see 5.2.6 or 5.2.7)

1. Install metal head flashing per project spec.

2. Seal entire leading edge of both metal flashing and pre-flashing with Wigluv 100 or wider

- minimum overlap onto flashing is 1"





5.2.10 Interior Air-seal

Due to the necessity for bulk water drainage at the sill, the Air Barrier must transfer to the interior of the window component.

Alternate solutions are available depending on detailing of installation clips, finish trim or drywall reveal, cure time, and overall constructability. Consult a SIGA representative for project-specific guidance.

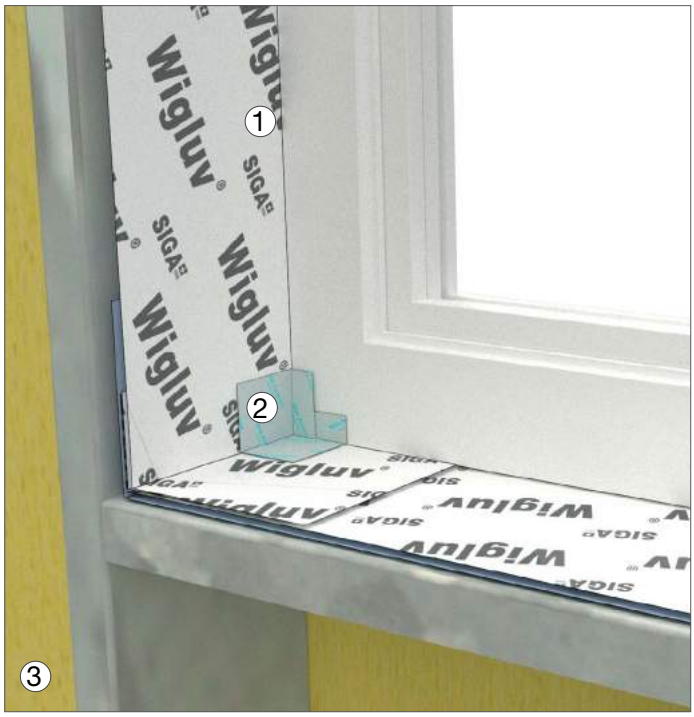
Before proceeding, windows should be installed and insulated per manufacturer's instructions, with exterior flashing applied.

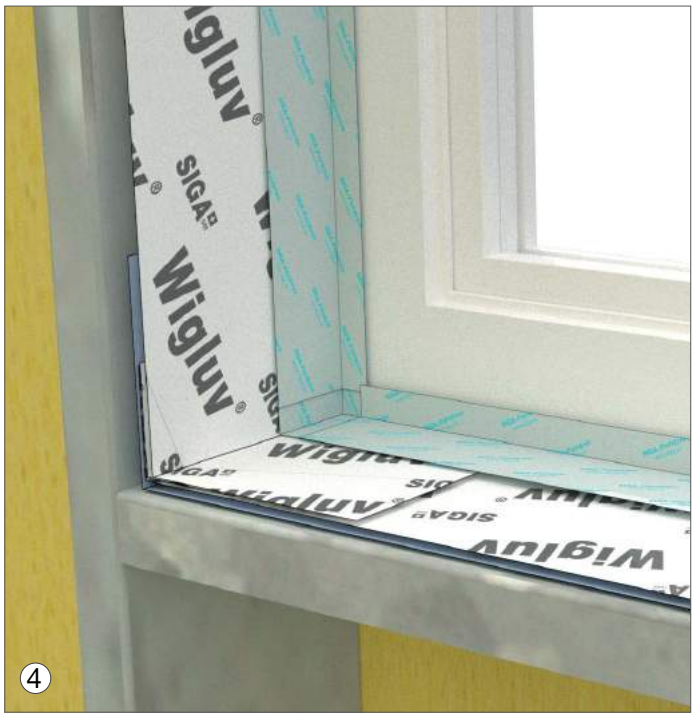
1. Ensure joint design will make continuous contact with a fully air-sealed RO
- seal or fill any knockouts, knots or other holes in RO framing
- entire depth of RO should be sealed at sill and all four corners (exception for Back-dam)

2. Seal straight lengths
- bond first to window, then bridge to rough opening
- maintain consistent 5/8" contact with window frame
- repeat for jamb, sill, head
- press on firmly

3. Prepare corner boot
- cut a 3" length of Fentrim® IS 20
- crosscut at the midpoint of the narrow, 5/8" pre-folded section
- crease the center of the wide section and bond the two crosscut parts together, forming a boot

4. Seal all four corners
- bond corner boot to window profile
- remove backing strip
- bond to rough opening
- repeat at each corner





5.3.1 Inside & Outside Corners

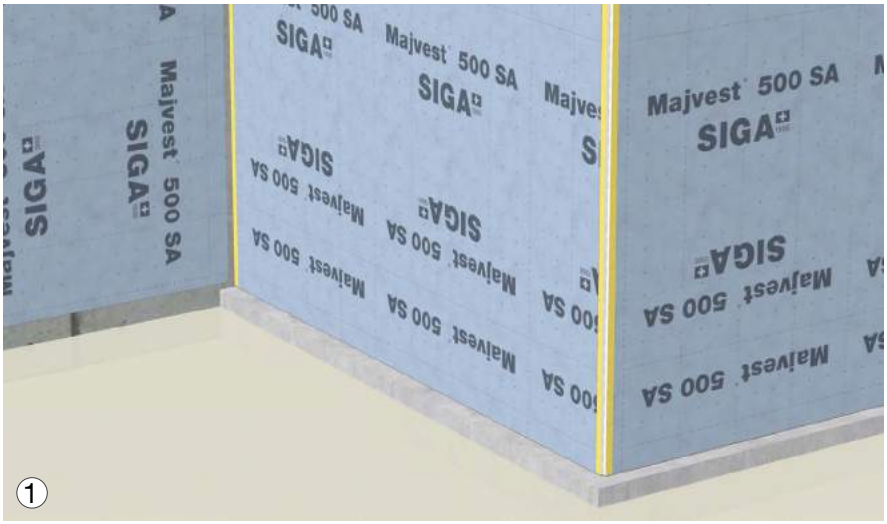
1. Install Majvest 500 SA at both sides of corner

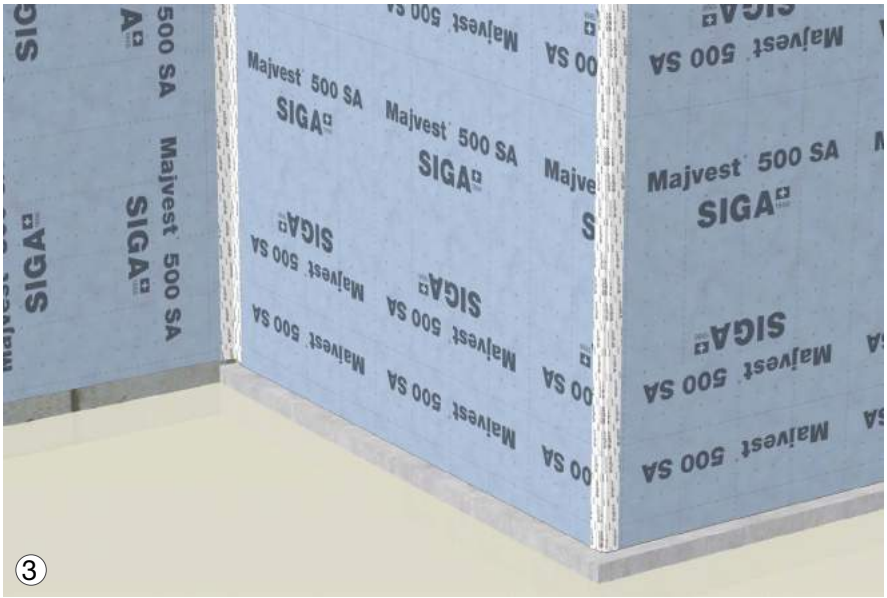
- terminate each course approx 1" from corner
- knock down any sharp edges of cut sheathing

2. Install strip of Wigluv 150 or wider in weatherlap fashion centered vertically on the corner

- ensure full contact to all surfaces, contouring irregular cut edges if possible
- center vertically on corner and overlap sheathing and Majvest 500 SA

3. How it should look





5.3.2 Through-Wall Flashing

1. Before shelf angle installation, apply a course of impermeable self-adhered membrane (SAM, shown in black) onto slab edge, overlapping Majvest 500 SA course below

2. Install shelf angle and stainless steel drip edge

- if shelf angle is not hot-dipped galvanized, completely encapsulate with SAM

3. Install another course of SAM to bridge stainless steel drip edge, shelf angle, slab edge, and upper wall sheathing

4. Lap upper Majvest 500 SA course over SAM and press on firmly

5.3.3 Expansion Joint 1" and smaller

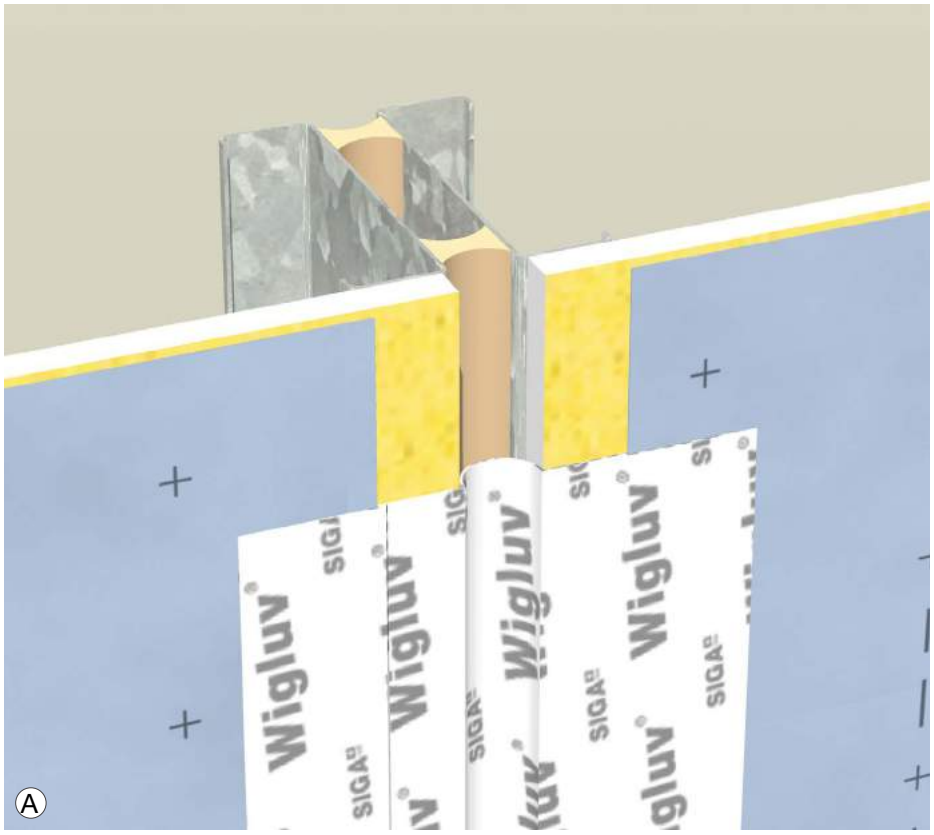
Interrupt Field WRB by terminating within 1" of each side of expansion joint and bridge the span using Wigluv 150 or wider.

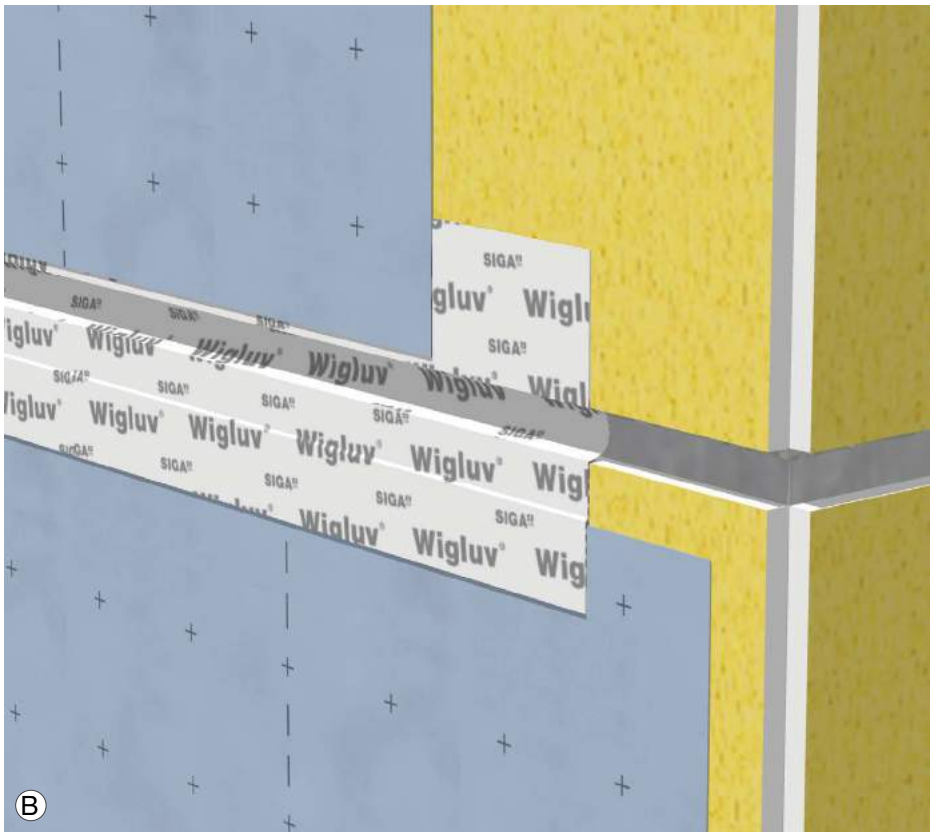
A) For vertical joints:

- install Wigluv 150 or 230 to bridge the span and capture both edges of Majvest 500 SA
- create a stress-relief loop into joint
- apply centered along joint

B) For horizontal joints:

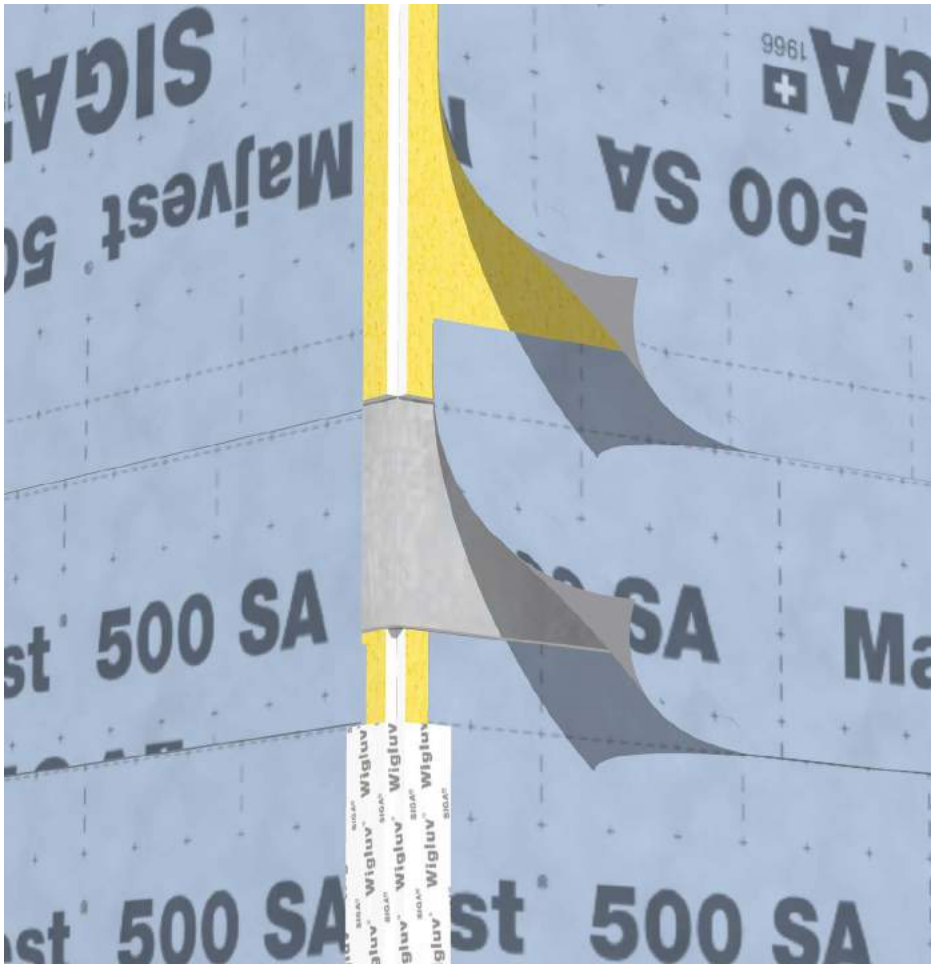
- terminate lower course of Field WRB before installing Wigluv
- create a stress-relief loop into joint
- ensure positive weatherlapping of subsequent Field WRB layers





5.3.4 Substrate Control Joint

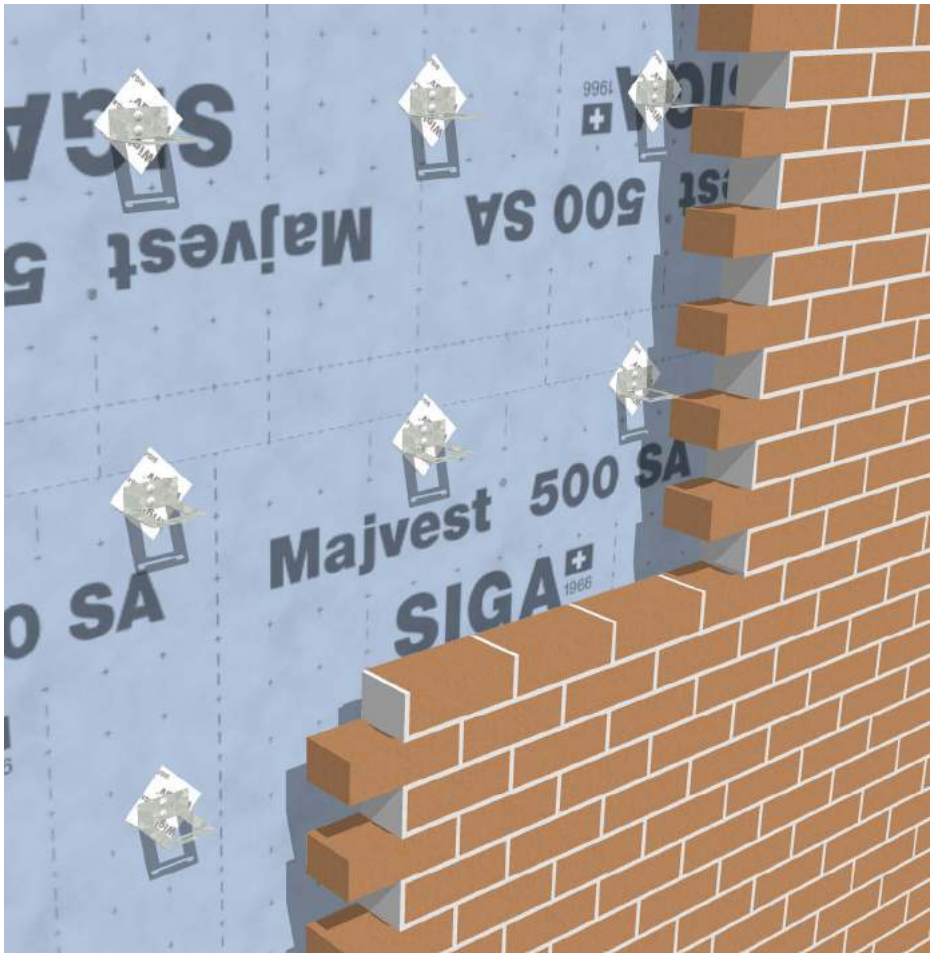
- Install band of Majvest 500 SA or Wigluv to decouple Field WRB at mixed substrates
- For horizontal control joints, apply minimum 4" onto upper substrate
- Maintain lapping requirements



5.3.5 Cladding Attachments: Brick Ties

Majvest 500 SA is an abrasion-resistant material with self-gasketing properties and treatment of fastener penetrations is not required in all cases. However, reinforcing the contact point of cladding attachments will enhance these characteristics, especially where mechanical strain is applied to the surface.

- install Wigluv 100 or wider behind each anchor, on a 45° orientation
- fasteners should always be embedded into structural member
- ensure contact plate of brick tie is fully bounded within Wigluv patch area



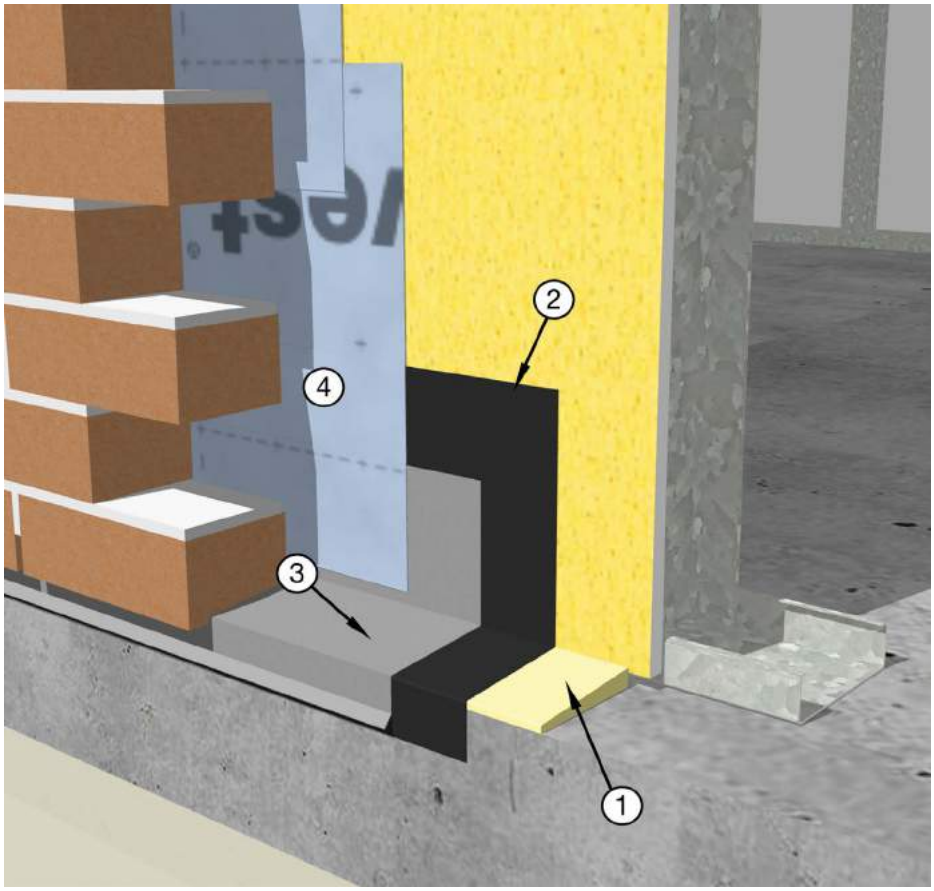
5.3.6 Base of Wall with Brick Ledge

1. Install sloped mortar bed at concrete ledge.
- minimum 3.5° (6%) slope
- allow to cure

2. Apply impermeable self-adhered membrane (SAM, shown in black) onto sheathing, across mortar bed, and onto face of foundation (minimum 2" wide)

3. Install sheet metal flashing

4. Install first course of Majvest 500 SA
- overlap both SAM and sheet metal flashing (minimum 2" wide, each)
- establish starting height of cladding at minimum 6" above grade



5.3.8 Parapet

1. Prior to framing parapet, install impermeable self-adhered membrane (SAM, shown in black) to connect interior air barrier (shown in pink), slab edge, and Field WRB

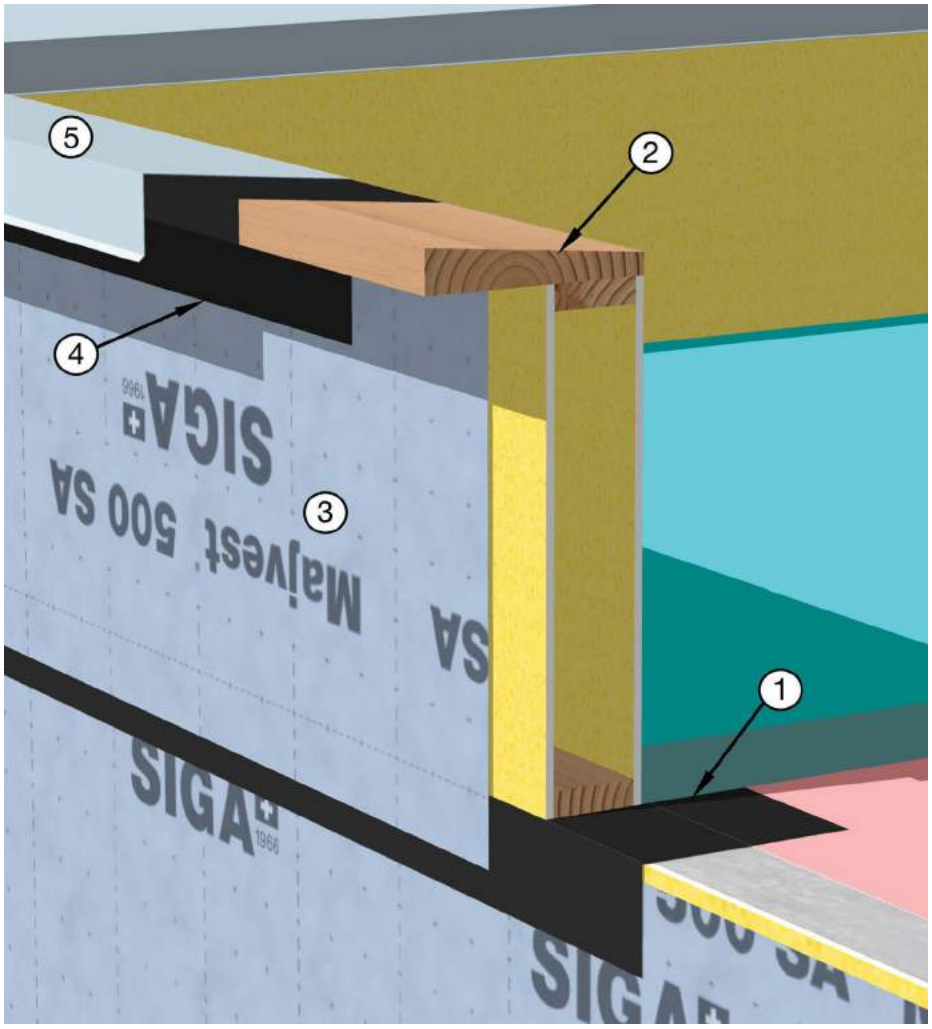
2. Frame parapet cap with a minimum 5° (9%) slope

3. Install Majvest 500 SA onto parapet exterior, flush with underside of cap and over SAM below

4. Install high-temperature rated SAM to encapsulate parapet cap

- overlap roofing material (inside) and Majvest 500 SA (outside)
- ensure substrate compatibility with roofing material

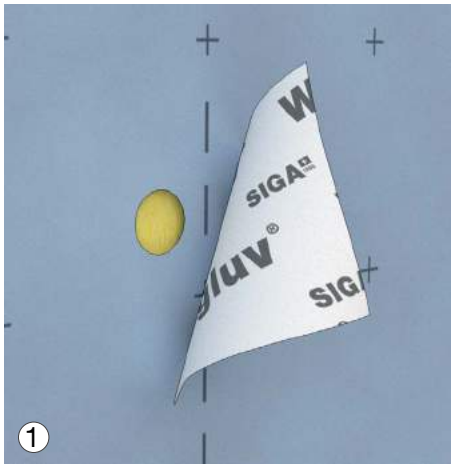
5. Install metal cap flashing per spec

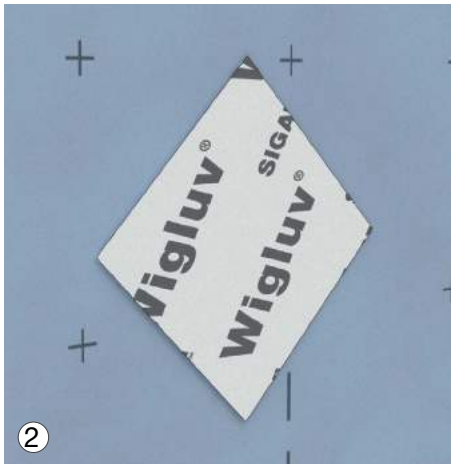


5.3.9 Damage Repair 1" or smaller

1. Apply Wigluv to face of Majvest 500 SA, centered over damage

2. Utilize a ‘diamond’ orientation, to aid in water-shedding





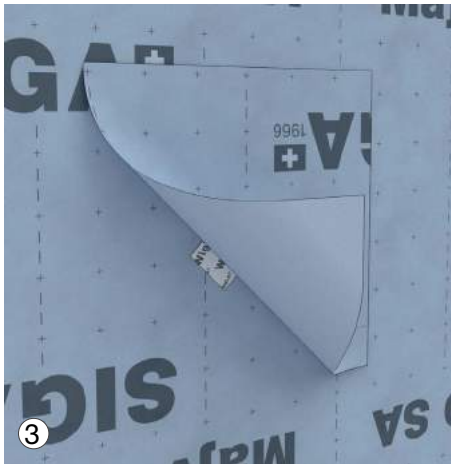
Larger than 1"

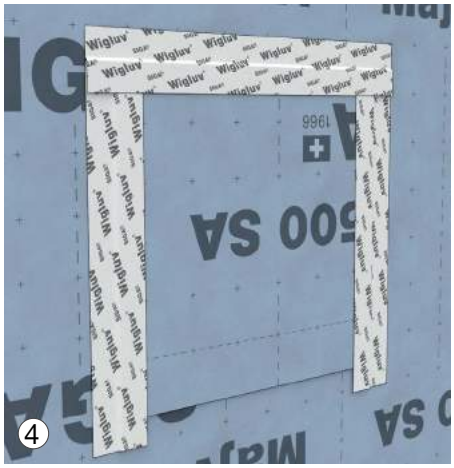
1. Apply Wigluv to face of Majvest 500 SA, centered over damage

2. Utilize a 'diamond' orientation

3. Cover entire damage patch with a skirt of Majvest 500 SA, sized minimum 2" larger than patch area

4. Seal vertical edges and top edge with Wigluv





PART 6 SIGA Reliability

6.1 Product Performance and Limitations

SIGA Cover Inc. (SIGA) products have the properties set forth in the corresponding Technical Data Sheets (available at https://siga.swiss). However, SIGA excludes any liability for processing or use that does not comply with these Guidelines, or:

- In case of unusual influences on the product, in particular, of chemical or mechanical nature
- If permanent mechanical strain (e.g. due to tensile and compression forces) has an impact on the seal
- Multilayered sheeting or paneling materials without sufficient cohesive strength
- In case of open facade cladding with Majvest
- In the case of air-sealing in sauna and swimming pool applications
- When using Dockskin, if the primed surface is not applied with Majvest 500 SA, Wigluv, or Fentrim
- When the prerequisites for the secure laying of sheeting are not fulfilled: the substructure must be free of any protruding objects which could cause injury, such as screws etc.
- When the prerequisites for reliable sealing are not fulfilled: the substrate must be dry,structurally sound and free of any dirt, grease, and debris. It must not be adhesive-repellent. Before sealing, clean the substrate and sheeting and perform an adhesion test on site.
- If necessary, strengthen loose substrates with high-performance primer SIGA-Dockskin.
- Caution! The bonds must not be under standing water.
- Creases or tension in the sheeting or tape must be relieved by cutting and resealed.

In the IECC (2015) North America is divided into 8 different climate zones. Accordingly, different zone-related requirements are to be considered with regard to the building envelope. For information about climate zones, please refer to the International Energy Conservation Code. Consult your planner or building scientist to check whether your planned construction will meet the requirements of the respective climate zone.

6.2 Guidelines

These Guidelines can become invalid if new knowledge is acquired or new developments are made. The current version is available at https://siga.swiss. SIGA assumes no liability for the accuracy, completeness or appropriateness of the drawings included in these Guidelines for a specific installation or purpose. Confirm project specific conditions with a local licensed design professional in order to assure compliance with all legal requirements. SIGA is not licensed to provide professional engineering or architectural services.

6.3 Technical Product Properties

Adhesive: SIGA high-performance adhesives are free of solvents, VOC, high boilers, plasticisers, chlorine and formaldehyde. They cannot be removed after application.
Installation Temperature: From -10 °C / 14 °F
Service Temperature Resistance (tapes): -40 °C to +100 °C / -40 °F to 212 °F
Service Temperature Resistance (membranes): -40 °C to +80 °C / -40 °F to 176 °F
Ageing resistance: Durable adhesive power; made without rubber, resins or solvents to prevent embrittlement.

6.4 10-Year Limited Warranty

For complete warranty details, consult your local Application Advisor or find the SIGA Limited Warranty Document (available at https://siga.swiss).

PART 7 Product Information

Majvest® 500 SA

Self-Adhered Vapor Permeable Water-Resistive Barrier and Air Barrier Membrane

microporous PP sheet with full-coverage adhesive on reverse
Thickness: 28 mils • Installed Weight per unit area: 0.84 oz/sq ft
UV stable: 6 months (IECC zones 3-8) • Fire behavior: Class A (ASTM E-84) • 13 US perms (ASTM E96 Method A)

✓ **high adhesive strength at high and low temperatures**
sticks in all seasons, long-term building value

✓ **printed measuring grid**
increased worker efficiency

✓ **tear-resistant release liner with a 50/50 split**
easy to remove, saves time

Product specifications

	Majvest SA 500 60"	Majvest SA 500 18"
ARTICLE NO.	8920-152030	8920-046030
PALLET	20 rolls	30 rolls
WIDTH	1.52 m / 60"	0.45 m / 18"
LENGTH	30.5 m / 100'	30.5 m / 100'
WEIGHT/ROLL	16.7 kg / 36.8 lbs	5.0 kg / 11.0 lbs

Wigluv® 60

Elastic, semi-permeable tape for sealing membrane overlaps and penetrations

Semi-permeable special PO film (1.7 US perms) • hand-tearable
UV exposure: 12 months • The bond must not be under standing water

✓ **high adhesive strength at high and low temperatures**
reliable, no building damage

✓ **vapor semi-permeable 1.7 US perms**
prevents condensation build-up

✓ **driving rain-proof and impermeable to water**
permanent protection for roof and facade

Product specifications

	Wigluv 60
ARTICLE NO.	7510-6040
BOX	10 rolls
WIDTH	60mm / 2.4"
LENGTH	40 m / 131'

Wigluv® 100/150/230 Low-profile, semi-permeable flashing tape for window and door installation

Semi-permeable special PO film (1. 7 US perms) • UV exposure: 12 months • 1. 7 US perms • The bond must not be under standing water

- ✓ **high adhesive strength at high and low temperatures**
  reliable, long-term building value
- ✓ **vapor semi-permeable 1.7 US perms**
  prevents condensation build-up
- ✓ **split backing strip**
  simple and quick to apply

Product specifications

	Wigluv 100	Wigluv 150	Wigluv 230
ARTICLE NO.	7510-6040	7510-15025	7510-23025
BOX	6 rolls	6 rolls	6 rolls
WIDTH	100 mm / 3.9"	150 mm / 5.9"	230 mm / 9.06"
LENGTH	25 m / 82 '	25 m / 82 '	25 m / 82 '

Fentrim® 230 Grey High-performance tape resistant to driving rain for window and door frames, for outdoor application

semi-permeable special PO film (1.7 US perms) • fleece-backed formable, impermeable to water • UV exposure: 4 months (IECC zones 3-8)
The bond must not be under standing water
US Patent No. 7.445.828 B2

- ✓ **high adhesive strength at high and low temperatures**
  reliable, long-term building value
- ✓ **15 mm pre-folded, without backing strip**
  fastest bonding to window frames
- ✓ **bonding from -10°C / 14°F**
  fast and tight window installation all year-round

Product specifications

	Fentrim 230 grey	Fentrim 230 grey	Fentrim 230 grey
ARTICLE NO.	9612-007525.03	9612-010025.03	9612-015025.03
BOX	8 rolls	6 rolls	4 rolls
WIDTH	75 mm / 2.9 "	100 mm / 3.9 "	150 mm / 5.9"
LENGTH	25 m / 82 '	25 m / 82 '	25 m / 82'

Fentrim® IS 20

Airtight high-performance tape for window and door frames, for indoor application

semi-impermeable special PO film (0.17 US perms) • fleece-backed, formable, impermeable to water • The bondmust not be under standing water

- **high adhesive strength at high and low temperatures**
  reliable, long-term building value
- **15 mm pre-folded, without backing strip**
  fastest bonding to window frames
- **bonding from -10°C / 14°F**
  fast and tight window installation all year-round

Product specifications

	Fentrim IS 20	Fentrim IS 20	Fentrim IS 20
ARTICLE NO.	9611-156025	9611-158525	9611-1513525
BOX	8 rolls	6 rolls	4 rolls
WIDTH	75 mm / 2.9 "	100 mm / 3.9 "	150 mm / 5.9"
LENGTH	25 m / 82 '	25 m / 82 '	25 m / 82'

Dockskin®

High-performance primer for strengthening sandy and fibrous substrates

Water-based, solvent-free acrylate-copolymer dispersion • Shelf life: 18 months from the date of sale if unopened • Clean the brush immediately with water • Keep out of reach of children!

- **quick drying**
  saves time
- **strong penetration**
  extremely good adhesion on soft fibre boards, masonry and concrete
- **usable on cold substrates from -10° C/14° C**
  solvent-free

Product specifications

	Dockskin
ARTICLE NO.	5930
BOX	8 bottles
WEIGHT / BOTTLE	1 kg / 2.2 lbs
COVERAGE RATE (AREA)	5 m2 / bottle 54 sq ft / bottle

SIGA 1966

Stick with us.

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siga.swiss

KM-10485. SKU-2046en
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