

# INSTALLATION INSTRUCTIONS: WALL

## PanelShield™ SA

a vapor permeable Air Barrier (AB) Water Resistive Barrier (WRB) sheet membrane  
Product No.: 19309099

## PanelFlashing™

Product No.: 11 3/4" 43305500, 6" 43304899, 4" 43304599

### Tools and Accessories



Two-handed  
Weighted Roller



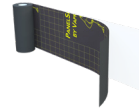
Gloves



Sausage gun



Flashing  
accessories



11 3/4", 6", 4"  
PanelFlashing

### Delivery, Packaging and Storage

Store materials on end in original packaging at temperatures between 40°F and 120°F (4.4°C and 48.9°C). Protect materials from direct sunlight and inclement weather until ready for use.

### Climate and UV Exposure

Sustains a maximum 12 months UV and climate exposure prior to cladding installation.

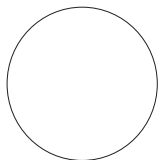
### Substrate Preparation

- Substrates must be clean and free of any contaminants.
- Substrate surface must be dry to the touch with the ambient temperature above 20°F (-6°C).
- PRIMER IS NOT RECOMMENDED OR REQUIRED

### Compatible Substrates



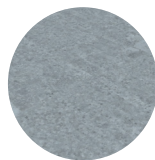
Exterior Gypsum  
Sheathing



Rigid  
Insulation



OSB



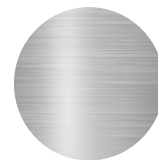
Concrete



Brick



Plywood



Metal  
(Steel, Aluminum)



Fiberglass  
Window and  
Door Frames

### Do's

- DO roll membrane with two-handed roller to ensure proper adhesion to substrate
- DO install above 20°F (-6.0°C) and rising
- DO install in a "weatherboard or shingle fashion"
- DO cut membrane using basic hand tools
- DO ensure surfaces are in sound, clean condition and free of oil, grease, dirt, excess mortar or other contaminants
- DO fill voids and gaps in substrate greater than 7/8" (22.2 mm) wide
- DO use behind closed-joint rainscreen cladding assemblies
- DO apply a bead of VaproBond if desired adhesion between membranes is not attainable due to site conditions
- DO remove release liner from under foot as soon as the membrane is installed (red)
- Do properly dispose of release liner

### Don't's

- DON'T install reverse laps that can result in water ingress
- DON'T leave exposed to UV and weather for over 12 months
- DON'T install below 20°F (-6.0°C) and decreasing
- DON'T install over gaps greater 7/8" (22.2mm) wide unless filled
- DON'T store materials in direct sunlight and inclement weather until ready for use
- DON'T install on dirty or contaminated substrates
- DON'T use primer
- DON'T leave release liner underfoot

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PanelShield SA Product No.: 19309099/ PanelFlashing Product No.: 11 ¾" 43305500, 6" 43304899, 4" 43304599

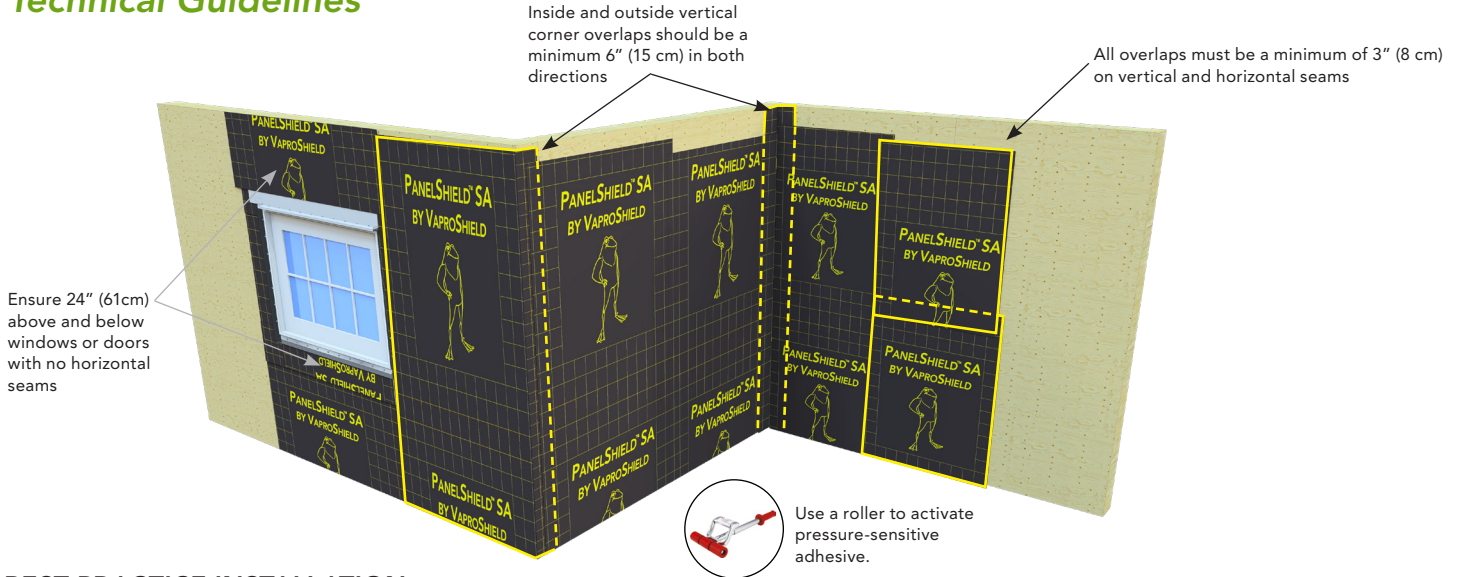
## SAFETY

Work crews are safe around VaproShield membranes.  
PanelShield SA contains zero VOCs or toxins.

## Adhesive Curing Time

Full adhesion will vary depending on job site weather conditions. Pressure with roller is required.

## Technical Guidelines



## BEST PRACTICE INSTALLATION

All overlaps must be a minimum of 3" (8 cm) on vertical and horizontal seams. Inside and outside vertical corner overlaps should be a minimum 6" (15 cm) in both directions, staggered a minimum of 24" (61 cm), and should not occur directly above or below windows or doors. Use a roller to activate pressure-sensitive adhesive.

**CAUTION:** Release liners are slippery. To prevent injury, liner should be removed from under foot as soon as membrane is installed and disposed of properly.

## Additional Details and Sequences

Scan QR code for additional sequences and details or Contact us at 866-731-7663, or email: [technical@vaprosshield.com](mailto:technical@vaprosshield.com).



## Warranty

Scan the QR code to complete a warranty request form.



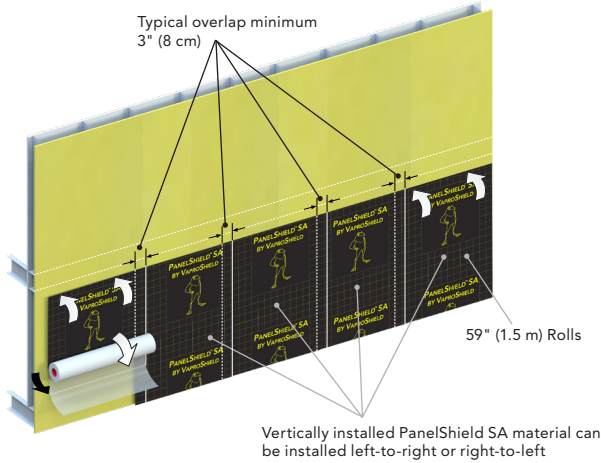
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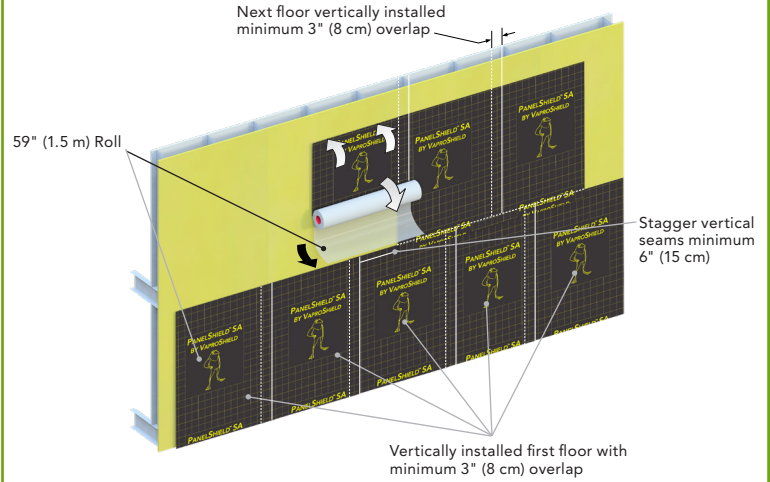
## Installation Best Practices

**Note:** This is NOT a sequence of installation steps.

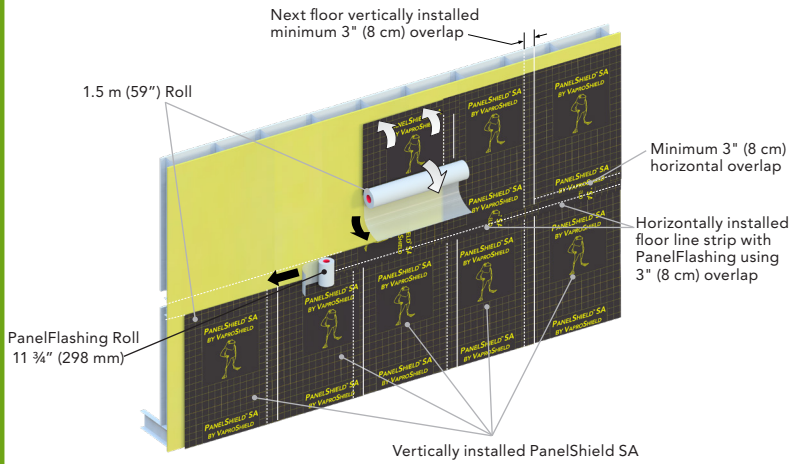
### VERTICAL INSTALLATION



### MULTI-FLOOR VERTICAL OVERLAP



### VERTICAL INSTALLATION HORIZONTAL FLOOR LINE



### HORIZONTAL INSTALLATION

