



INSTALLATION INSTRUCTIONS

Rev My 13, 2022

Block-Aide Wall NP is a self-adhered vapor barrier membrane that combines a durable tri-laminate high density polyethylene facer with an advanced butyl rubber adhesive backed by an easy to remove silicone treated poly split release liner. The result is a commercial grade vapor barrier with significantly increased adhesion performance to wall substrates that should be attached in a water shedding (Shingle lap) fashion without the need for mechanical fasteners.

STORAGE:

Block-Aid has a minimum shelf life of 18 months if stored in the provided box upright in a well-ventilated area at room temperature between 60°F (15°C) and 80°F (26°C). If product has been stored at a higher temperature above 90°F (32°C) it may become difficult to remove the release liner. To correct this, move product to a cooler location. Once cooled, the release liner can be easily removed. If product is to be stored temporarily outdoors prior to installation. Store rolls up-right and protected from weather with an opaque light colored tarp. Do not double stack more than 2 pallets high.

USE:

Block-Aide Wall is designed to be used in commercial or residential construction to provide a above-grade water and air barrier when applied to the outside of the wall sheathing and behind the exterior wall cladding. It can also be used for transitions, rough openings, fenestrations, and full wall applications.

PREPARATION:

All wall surfaces to be applied with Block-Aide Wall should be clean, and free of oil, grease, dust, ice, frost, or any contaminates that may compromise the performance of the adhesive. Acceptable wall substrates are exterior-grade gypsum sheathing, plywood, OSB, precast or cast-in-place concrete, concrete block, steel, aluminum, and galvanized metal. Concrete surfaces must be smooth and without large voids or sharp protrusions. Concrete must be cured a minimum of 14 days and curing compounds and release agents used in the concrete must be resin based without oil or wax.

Block-Aide Wall can be cold applied at ambient temperatures as low as 25°F (-4°C) provided it has been heated to room temperature 68°F (20 °C) before application. For superior adhesion performance a primer is recommended. Use a water or solvent based primer that meets ASTM D41 for self-adhesive membranes prior to application.



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For optimum adhesion cover primed surfaces with the Block-Aide membrane the same day as primer application.

APPLICATION:

Block-Aide is to be installed starting at the base of the wall working upwards so that upper courses will overlap lower courses, in a shingle fashion. It can be applied vertically or horizontally. All side (horizontal) overlaps should be a minimum of 2", Vertical or end laps should be a minimum of 4". The membrane must be pressed firmly into place with a hand roller to ensure a continuous and effective bond with the substrate. This will prevent water from migrating under the membrane. For horizontal installation first position a manageable length of material in place along the wall, then fold back the top most portion to remove the upper release liner and then adhere this to the wall. Once the top portion is in place fold up the bottom half of the membrane remove the lower release liner before applying to the wall as well. Then use a hand roller to press the membrane firmly to the substrate over the entire surface to ensure appropriate adhesion, pay particular attention to all laps and remove all wrinkles or fish-mouths. It is recommended to use a sealant on all penetrations through the barrier including; fasteners, terminations, duct work, and around window and door frames. Note: If a wall has only been partially covered at the end of a work day it is recommended to apply a bead of compatible sealant along the top edge of the membrane along the termination point to prevent vertical drainage from precipitation penetrating under the membrane. All fenestrations should be flashed per window and door manufacturers' recommendations, and according to local building code requirements, ASTM 2112, and AAMA guidelines.

These provided Installation instructions are designed to offer recommendations to achieve best performance from our products. However, it is imperative that you follow ALL building codes or architectural specifications applicable to your geographical region and structure type.

LIMITATIONS:

Block-Aide Wall is not intended for prolonged exposure to sunlight and weather. It is recommended to cover the membrane with the exterior cladding as soon as possible or within 180 days of initial installation. Note: Excessive moisture on the wall substrate before application can reduce adhesion performance or result in loss of adhesion prior to installation of cladding. Be careful not to expose the backside of the substrate to moisture or rain. Release liners are slippery. Remove from work area immediately following application.