



Installation Instructions: ADHERO/CONTEGA SOLIDO EXO WINDOW

BEFORE WE BEGIN

General Conditions

ADHERO is to be installed with the printed side facing out; it requires stable substrates to be installed (e.g. OSB, plywood, exterior gypsum, CLT wood fiber, CMU, concrete etc.). The membranes can be installed on walls vertically or horizontally in a shiplapped, waterproof manner. For roofs or walls where high loads of wind driven rain are expected, horizontal installation is recommended.

Substrate Preparation:

Clean substrate with brush or with a cloth/compressed air. Check substrate for nails, splinters, and unnecessary protrusions - this prevents punctures and damage to the membrane. Adhesion to frozen surfaces is not possible. To be adhered successfully to a surface, the area should be free of water-repellent substances (e.g. grease or silicones etc.).

Substrates must be sufficiently dry and stable. Bonding and joints are possible on planed and painted wood, hard plastics and metal (e.g. pipes, windows etc.), hard wood-based panels (OSB, plywood and wood fiber board) and masonry substrates such as concrete or plaster. Concrete and plaster substrates must not be sandy or crumbling. It is your responsibility to check the suitability of the substrate; adhesion tests are recommended in certain cases.

Pretreatment with TESCON Primer RP can be necessary in the case of rough or porous surfaces such as wood fiber board insulation or substrates with insufficient stability.

Equipment:

PRESSFIX XL, ladder or scaffold, tape measure, utility knife, caulk gun, pencil, straight edge, and cutting board (plywood sheet).

Always follow site and construction safety procedures.



ADHERO

A self-adhering, monolithic, vapor permeable membrane, durable weather resistive barrier or roof underlayment. This membrane doubles as a continuous air barrier and rainscreen waterproofing. Delivering first class safety and durability, is easy to install with its top release strip, full self-adhered backing and cutting guides.



CONTEGA SOLIDO EXO

Stretchy, waterproof, vapor open airsealing tape to connect window frames and openings to the exterior air barrier. The split release papers allow for precise and quick application of corners and around edges. Very good adhesion to stable masonry and concrete without the need for primer. The fleece side can be plastered/stuccoed over.



EXTOSSEAL ENCORS

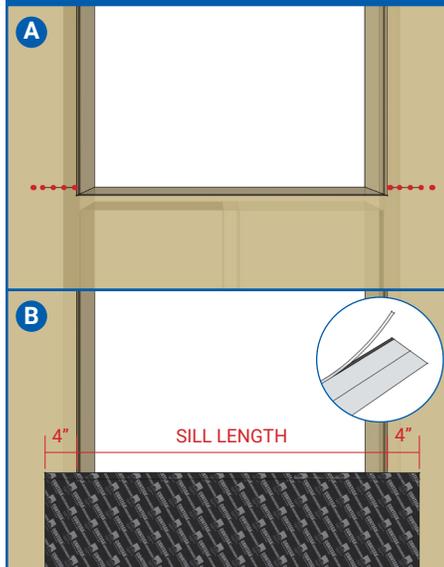
Sill tape to create water bearing connections to and under frames. Adhesive from butyl rubber modified with acrylate allows for cold weather application (>15°F / -10°C), is puncture resistant, has high adhesion strength, and is self-sealing. For connections to plaster, concrete, wood, wood fiberboard insulation, and membranes.



TESCON VANA

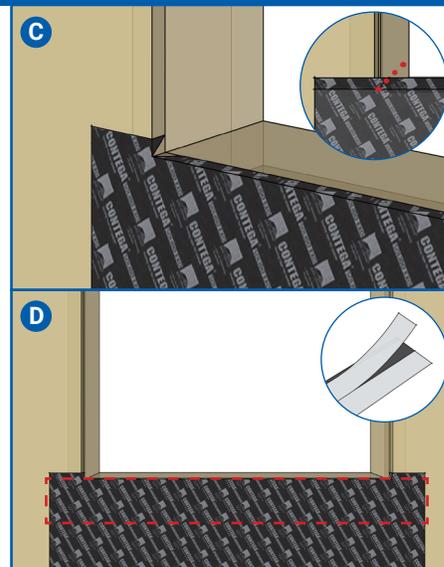
All-around interior and exterior vapor open (8 perms) air sealing for permanent airtight taped bonding of membranes, plywood, OSB, concrete, and a variety of airtight substrates. TESCON VANA is available in: 2 3/8" (60 mm), 3" (75 mm), 4" (100 mm), 6" (150 mm), and 8" (200 mm).

1 - CONTEGA SOLIDO EXO AT SILL



A - Mark sheathing at a distance of 3/4" (20mm) above the window sill.

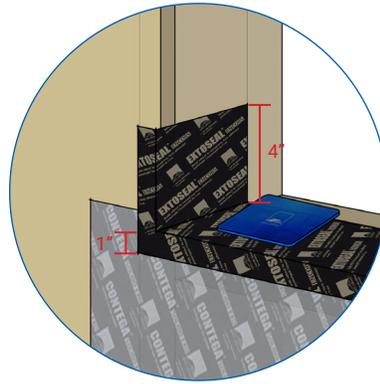
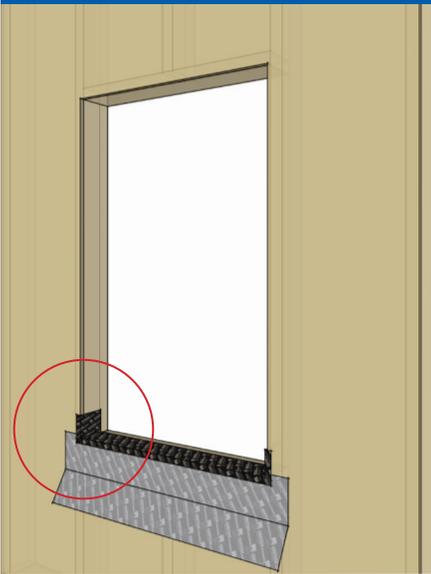
B - Cut CONTEGA SOLIDO EXO to length: Sill length + 8" (200 mm) (see diagram) and apply tape to the sheathing. Use PRESSFIX to pressurize.



C - Cut tape at a 45° angle from corners. Fold tape into sill and pressurize with a PRESSFIX.

D - Remove the middle strip of release paper and adhere CONTEGA SOLIDO EXO to sheathing. Do not remove the final release paper.

2 - EXTONSEAL ENCORS AT SILL

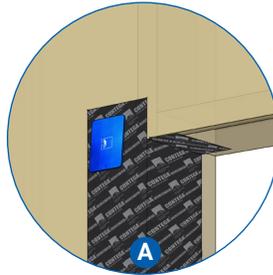
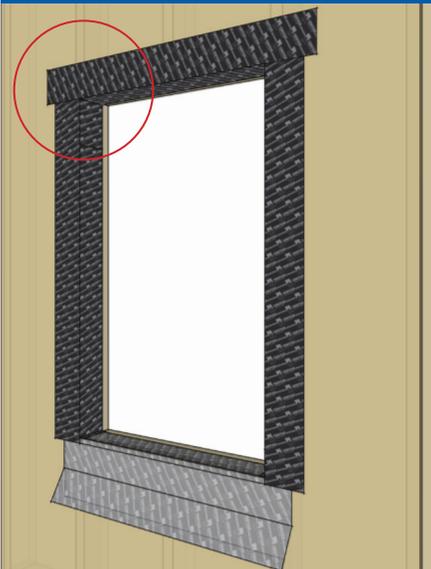


Install EXTONSEAL ENCORS on window sill, extending it up each side a minimum of 4" (100 mm). Use PRESSFIX to accurately press into corners.

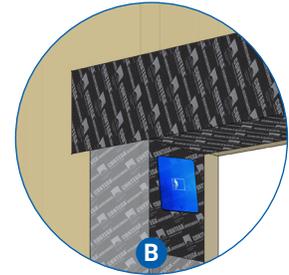
For back dams:
Use the narrow 3/4" (20 mm) release strip to adhere EXTONSEAL ENCORS to the back dam.

For sloped sills:
Apply EXTONSEAL ENCORS to the back of the sloped sill - sloped sill should extend at least to the inside face of the window. The EXTONSEAL ENCORS should overlap the vertical face of the WRB approximately 1" (25 mm). Trim back EXTONSEAL ENCORS with aid of a cutting board and press down and stretch around both corners.

3 - WINDOW HEAD AND JAMBS

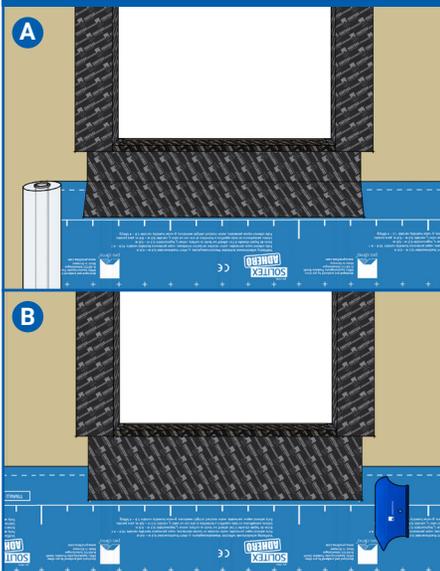


A - Cut the required length of tape (jamb height + 4" (100 mm)). Apply narrow and middle strips of tape to sheathing, centering the tape on the edge of the window side. Start 1" (25 mm) below the lower sill. Align edge of the release paper with the rough opening. The tape should end approx 3" (75 mm) above the window head. Cut the third release strip using a utility knife along the window head edge. Fold the tape into the opening and adhere to R.O. Press accurately into the corner with PRESSFIX.



B - For the head R.O. repeat the same process, but first cover the outer corner with a short piece of tape or seal pin hole with CONTEGA HF/VISCONN. Then cut tape 2" (50 mm) longer than CONTEGA SOLIDO EXO tapes that cover R.O. / sheathing on sides. Remove the 6" (150 mm) + 3/4" (20 mm) release paper and align the center of the tape with the edge of the window head. Adhere and pressurize with PRESSFIX. Cut the third release strip using a utility knife along the window head edge. Fold the tape into the opening and adhere to R.O. Press accurately into the corner with PRESSFIX.

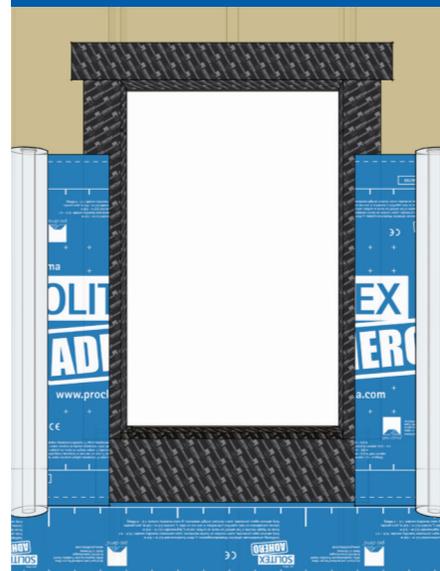
4 - ADHERO UNDER CONTEGA SOLIDO EXO



A - After a framing inspection: Roll out and apply ADHERO membrane under the unadhered 6" (150mm) strip of CONTEGA SOLIDO EXO tape.

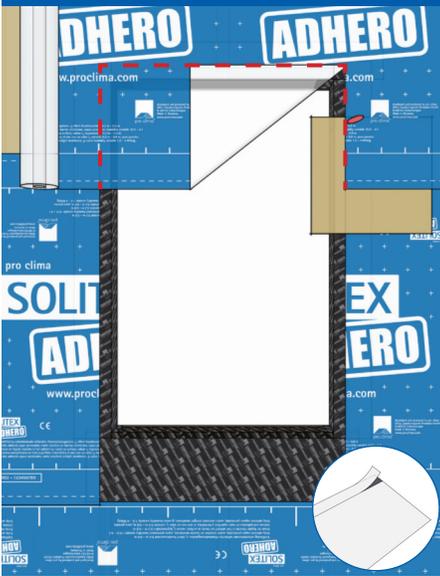
B - Adhere CONTEGA SOLIDO EXO to ADHERO by removing the final release paper, pressurize using PRESSFIX XL.

5 - ADHERO LAYER 2



Apply ADHERO to sides of R.O. Overlap ADHERO at least 3" (75mm) over CONTEGA SOLIDO EXO on sides and a minimum of 4"-6" (100-150 mm) over ADHERO below. Pressurize using PRESSFIX XL.

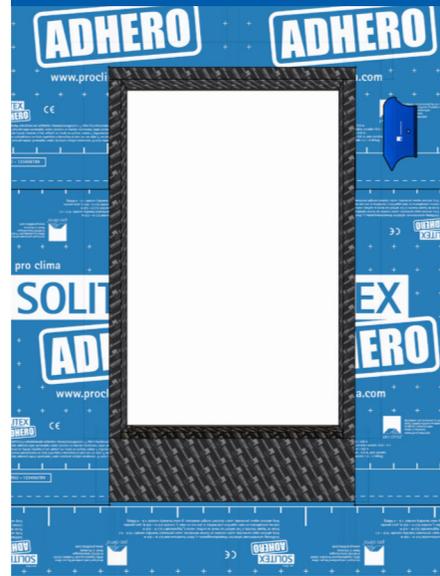
6 - ADHERO LAYER 3 ROLL AND CUT



Apply ADHERO over the head of the window. Adhere top 10" (250 mm) wide strip first. This will allow you to trim excess material at window opening without damaging CONTEGA SOLIDO EXO tape below.

Then trim the ADHERO approximately 1-2" (25 mm-50 mm) from edge of R.O. (use a cutting board behind the CONTEGA SOLIDO EXO tape behind).

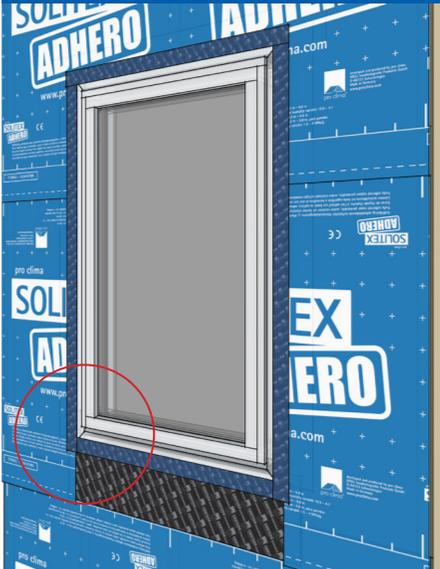
7 - PRESSURIZE WITH PRESSFIX



Pressurize ADHERO membrane with PRESSFIX XL.

Optionally cover ADHERO/CONTEGA SOLIDO EXO edges with TESCON VANA tape, this is recommended in high wind/rain areas or when the ADHERO membrane will be left exposed for more than 3 months.

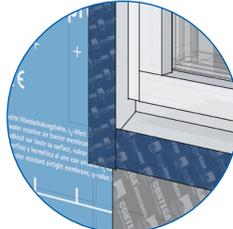
8A - FLANGE WINDOW OPTION



Use 2 3/8" (60 mm) TESCON VANA or CONTEGA SOLIDO EXO tape to seal side and top flanges to the ADHERO membrane. Sealing bottom is optional and per window manufacturers recommendations.

Pressurize firmly with a PRESSFIX.

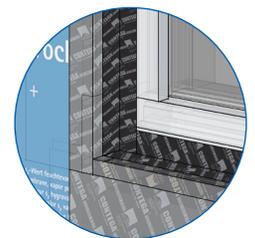
Note: Taping should be done from bottom to top to ensure all tape joints are properly shiplapped.



8B - EUROPEAN WINDOW OPTION



Seal frames with CONTEGA SOLIDO EXO to taped window bucks. Start on the bottom and work your way up for proper shiplapping. Use pre-made L-shaped corners for most accurate sealing of corners. Apply tapes to windows as per manufacturers recommendations and installation instructions-note drainage planes, condensation weeps etc. Pressurize tape firmly with a PRESSFIX.



9 - BATTENS FOR VENTILATED SIDING



It's recommended to use a vented rainscreen for optimum performance and drying capacity of all Pro Clima WRBs. When constructing a rainscreen a min. 3/4" (20 mm) ventilated cavity is recommended.

Install vertical battens on top of membrane. For vertical siding/roofing, add horizontal battens on top of the vertical battens.

Make sure that your siding screws/nails do not puncture the ADHERO membrane when being installed.