



YOUR VISION IS OUR MISSION™

FiberScore™ FRP Installation Instructions

Statements expressed in this technical bulletin are the recommendations for the application of Nudo brand products as outlined and illustrated under normal conditions of installation. The recommendations provided in the bulletin represent our best judgement based on our experience with normal applications. Unless prior approval is obtained in writing from Nudo, any deviation from these recommended procedures shall be at the sole risk of the installers. Carefully inspect all panels. If a panel is defective, notify the Nudo Service Center nearest you at once. Failure to do so shall be at the sole risk of the installer.



Important - Read complete instructions carefully before you begin application.

Total System Components - Nominal 3/32" thick, 4' wide panels, harmonizing PVC and aluminum moldings and trim, adhesives, and silicone sealant.

Tools Required - Power saw (carbide tip) or saber saw (metal cutting blade). Fine tooth handsaw-keyhole saw, caulking gun, rule/tape, drill, file, hammer, plumb line/level, horses and supports.

Caution - Protect your eyes with goggles, cover your nose and mouth with filter mask when cutting FRP products.

Cleanup - Use a damp cloth, mild soap or detergent to clean panels. Use mineral spirits to remove excess adhesive or silicone. Do not use abrasive cleaners. Can be jet spray washed.

Open Package - Carefully inspect all panels. Due to texture and manufacturing techniques, some panels may vary in color consistency and pattern.

Installation Tips

1. Install when room temperature and material temperature is at 70°F.
2. Application recommended to solid backing, such as plywood or drywall. Surface to be covered must be clean, dry, solid, straight and free from drywall dust, bumps, projections, loose plaster, paint or any excess joint compound.
3. Maintain plumb vertical edges with plumb lines or level.
4. Do not make FRP panel joints directly over drywall or plywood joints.
5. Cut panels face down with handsaw or face up with table saw.
6. **For grooved FRP, proper panel orientation is needed to ensure the best groove alignment.**

Condition Panels

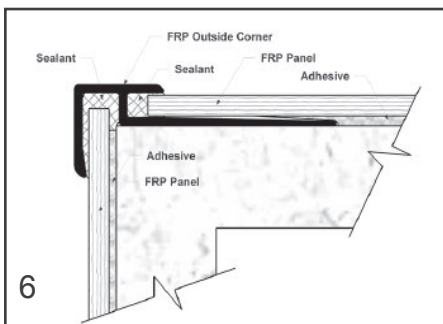
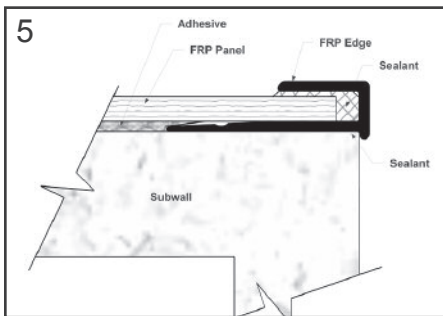
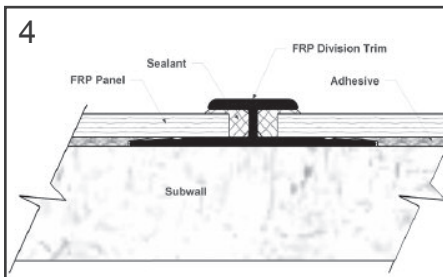
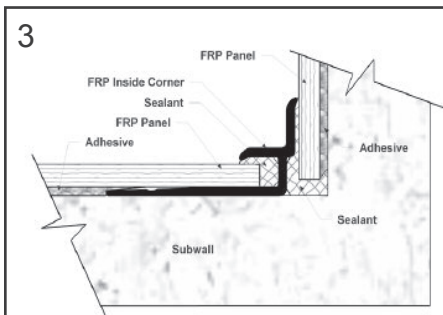
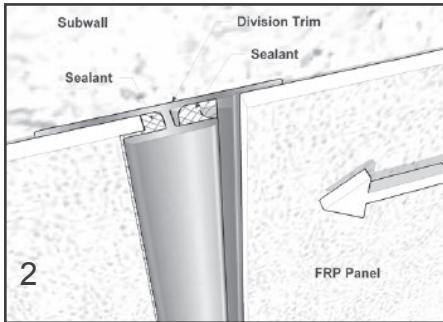
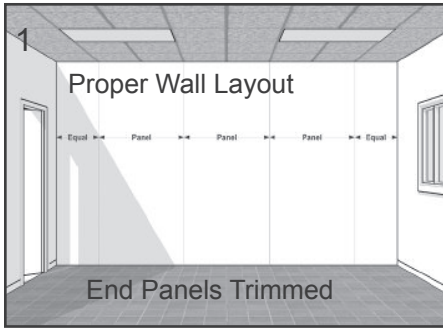
The panels should be allowed to acclamate to the room environment prior to installation. After unpacking, place panels in the room where they will be installed for at least 48 hours prior to installation.

Important! Regarding high humidity areas:

For applications that require sealant we recommend the use of Nudo approved Silicone Sealant.

In high moisture or wet areas, moldings should surround all panels and be properly sealed with a continuous bead of sealant.

Installation Steps for Panel Molding



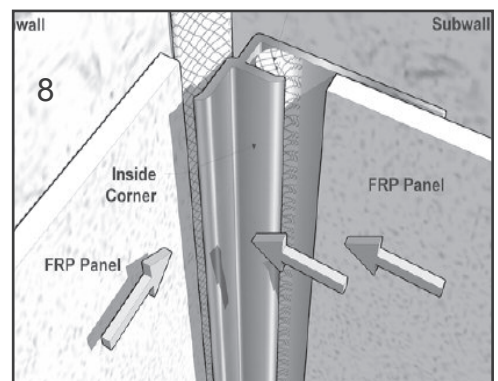
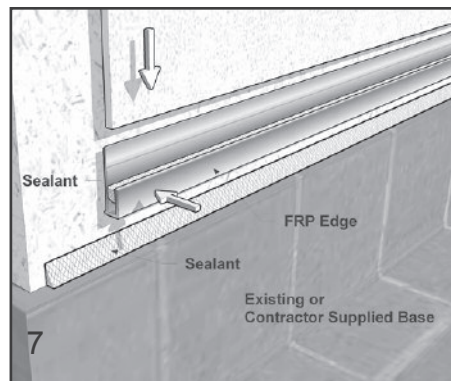
1. For a balanced appearance establish the center line of area to be covered and install division molding and work to corners.(see ill.1)
2. Moldings can be applied by coated lath nails and/or adhesive. If nails only are used, backing material must have nail holding capabilities or nails must be long enough to penetrate into furring or framing. Do not nail through panels.
3. Moldings should surround all edges of every panel.
4. Do not fit panels too tightly in moldings. Allow at least 1/8" in all channels for panel expansion after installation is completed. (see ill.2) See back page for proper adhesive selection and application.
5. Where steam cleaning is required and high moisture conditions are prevelant, all moldings and panels must be sealed with Nudo approved Silicone Sealant to insure a watertight seal. (see ill. 3-6)
6. Sealant can be best applied to moldings prior to application to wall. It is important that continuous, non-broken beads of sealant be applied. Excess sealant "squeeze out" should be promptly cleaned off with mineral spirits.
7. It is suggested that a sealant be applied to all exposed edges of moldings, electric plates and other covers after installation. Allow 24 hours drying time for sealant.
8. Rough cut edges can be smoothed with sandpaper or file.

Application to Tile Curb, Floor, Base Molding or Ceiling Line

Curb must be installed first. Apply a continuous bead of sealant to top of curb or floor line and in the molding channel. Seat edge molding in place and fasten to subwall. Slip panel into molding. Allow for 1/8" expansion and sealant "squeeze out". (see ill. 7) Similar application at ceiling line.

Application at Inside Corners

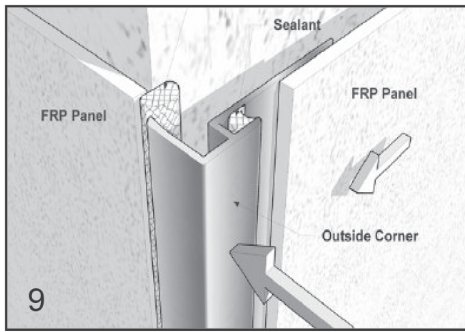
Apply a continuous bead of sealant at corner and in the molding channel. Secure inside corner molding to cover bead. (see ill. 8)



Application to Outside Corner

First, cut final panel on preceding wall flush to outside corner and install. Apply a continuous bead of sealant to both molding channels. Secure in place. Slip in next panel. (see ill. 9)

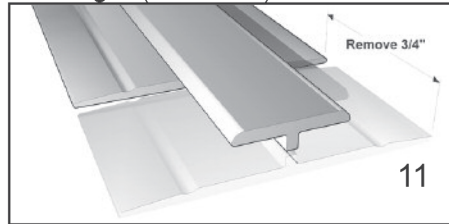
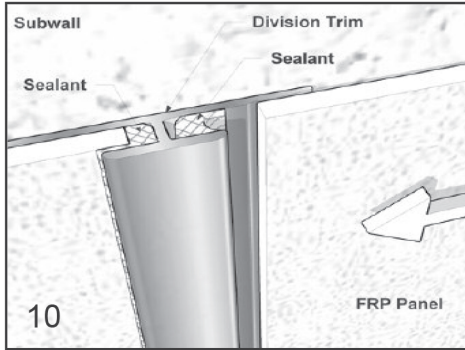
Outside Corner Guard is also available for areas that require more durability, or use snap on Stainless Steel Corner Guard



Application to Division Molding

Apply a continuous bead of sealant to both channels. Slip under preceding panel (see ill.10) and secure to wall. Then continue with next panel.

Flanges and posts of Division Molding must be cut away 3/4" if it butts to already applied moldings. (see ill.11)

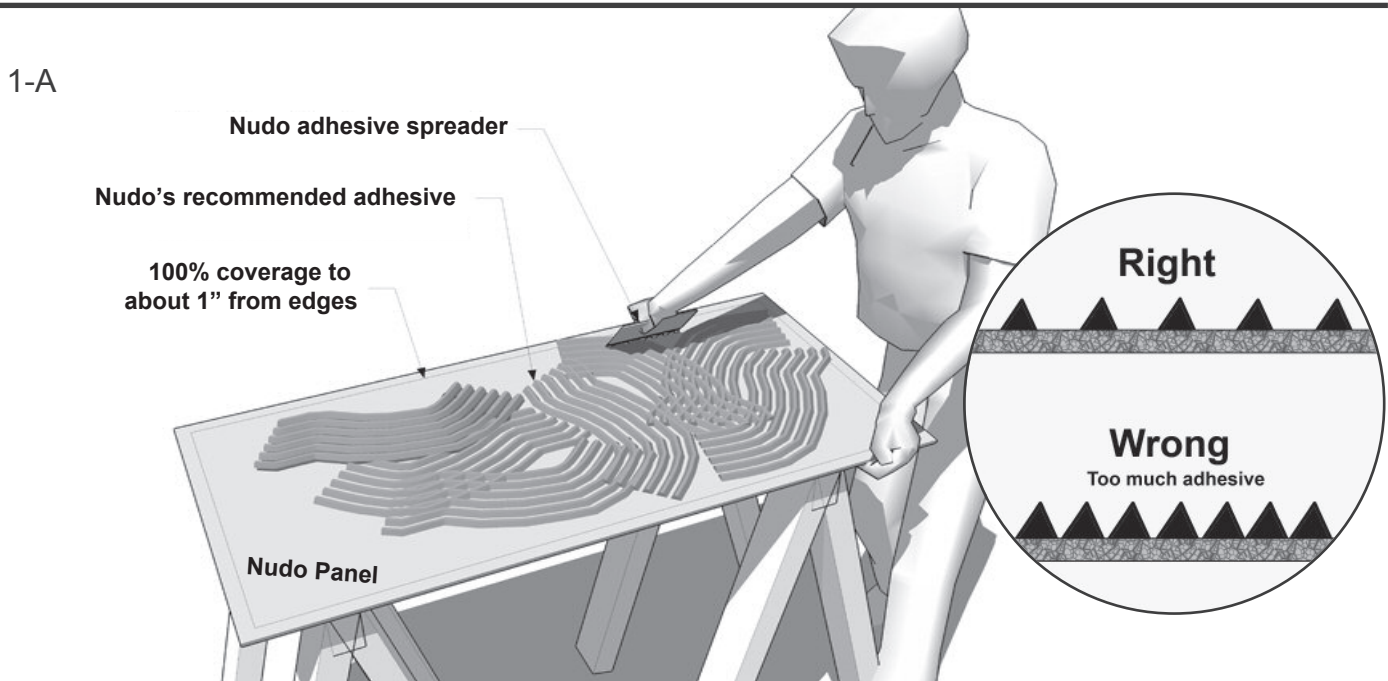


Proper Adhesive Technique

Always apply Nudo approved Adhesive to the panel back. Be sure the existing subwall is porous, straight, clean and dry, such as drywall or plywood, and void of excessive joint compound.

Adhesive is easier to spread at 70° F. Panels must be installed while adhesive is fresh (within 10 minutes). Adhesives on panel face should be removed promptly with mineral spirits. Coverage: 210 square feet per 3.5 gallon can.

- Apply adhesive to the entire back of panel using a notched spreader.* (100% coverage over entire back of panel except approximately 1" at edges). Use the notches in the spreader to get the exact depth of adhesive. Avoid too heavy a coat. (Refer to ill. 1-A). To assure proper ridges when spreading, keep notches of spreader clean by placing spreader in a pail of water when not in use. * Trowel size: $\frac{3}{16}$ " W x $\frac{1}{4}$ " D x $\frac{1}{2}$ " c-c v-notch.



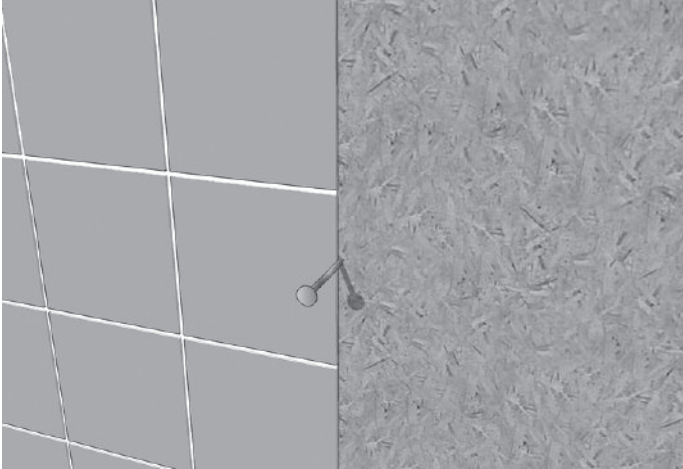
NOTE: The use of cartridge adhesives will not allow panels to stay flat and tight to the wall. DO NOT USE.

Mechanical Fasteners - Unusual situations may require drive rivets 16" on center. Work from top to bottom or middle to edges. Drill holes for fasteners $\frac{1}{8}$ " oversize to allow for panel expansion. For best bonding, arrange fasteners on 16" centers with outer fasteners about 1" from panel edge. Where panels butt together, fasteners should be staggered to insure a flat seam.

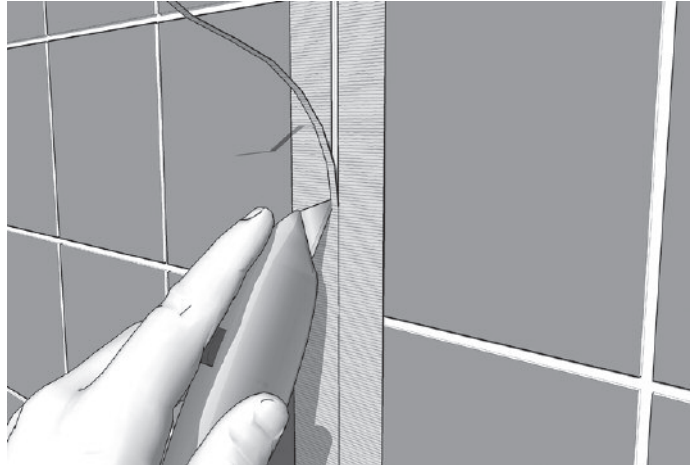
Excessive Drywall Compound: Walls that have excessive joint compound must be sealed with a primer or paint prior to panel installation. Failure to do so may result in installation failure.

Seam Joint Installation

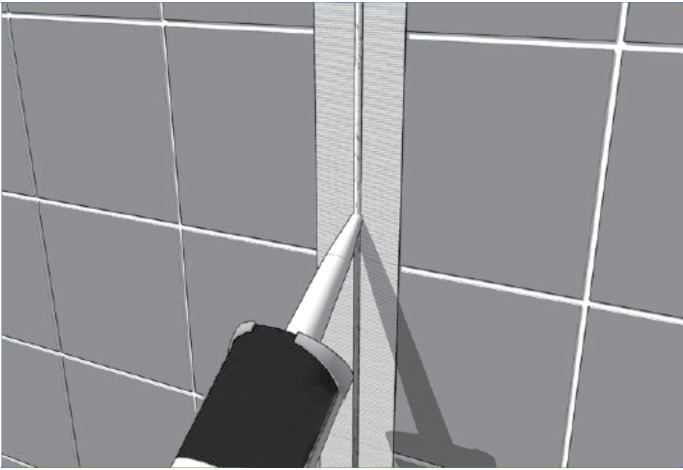
FiberScore™ FRP Panels



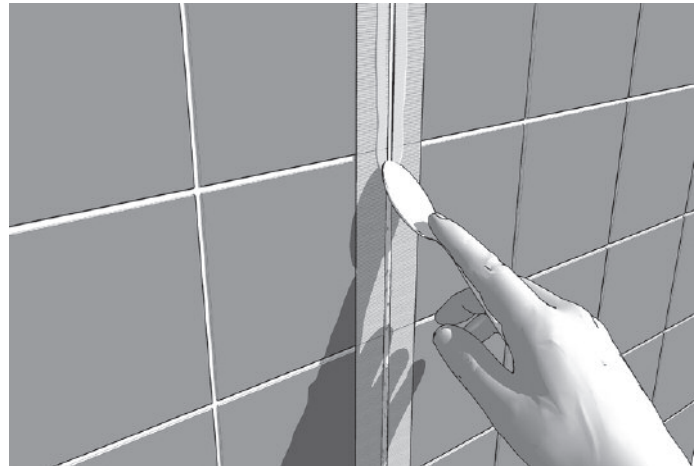
1. Use a 6 penny nail for panel spacing.
Dry fit before gluing to check groove alignment.
If grooves don't line-up flip panel top to bottom.



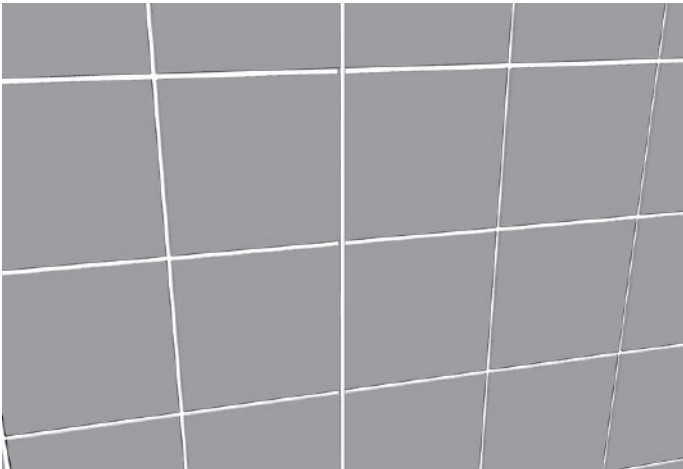
2. Remove nails and apply 2" or wider masking tape.
Trim out groove with a sharp utility knife using the panel edges for guides.



3. Apply a bead of harmonizing Silicone.



4. Finish the joint with a plastic spoon or finger tip.
Wait one hour before removing the tape.



5. Tape removed to reveal the matched seam joint.



Cleaning Instructions

FiberScore™ FRP w/ Sani-Coat

Overview

For best results, engage in a regular cleaning schedule to avoid dirt build-up. As a general rule, any mild cleaner applied with a sponge or soft brush is safe and effective. Avoid using any cleaner or stain remover considered abrasive or containing chlorinated hydrocarbons or aromatic hydrocarbons.

Cleaning Agents

The following cleaning agents have been tested and approved. Be sure to test any cleaning agent not appearing on this list in a small, inconspicuous area first.

- Murphy's Oil Soap
- Lysol
- Mr. Clean
- Formula 409 Multi-purpose cleaner
- Fantastik Multi-purpose cleaner
- Simple Green Multi-purpose cleaner

Application Method

Apply the cleaning agent with a sponge or soft brush, working it across the surface in a scrubbing or circular motion. Rinse thoroughly using cold water.

For Graffiti and Other Stubborn Stains

If the aforementioned cleaning agents fail to remove graffiti or other stubborn stains, the following more powerful agents have been tested and approved for use with caution:

Misty Vandalism Mark Remover
Censor Vandalism Mark Remover

Please note: For FiberScore™ FRP with Sani-coat, apply a minimal amount of cleaner and completely wipe off with a smooth rag within ten seconds of application. Failure to do so will remove the Sani-coat surface. Do not disturb the panel face for thirty minutes after wiping off the cleaning agent. The Sani-coat surface will temporarily soften and return to its original strength after the thirty minute time period. The quick wipe method is not necessary for use on traditional Nudo smooth or textured FRP panels.

These powerful cleaning agents are flammable. Be sure to take proper precautions when using these or any flammable materials.

NUDO[®]

YOUR VISION IS OUR MISSION™

Springfield, IL 62703 • 800.826.4132

www.nudo.com • info@nudo.com

Effective Date 03-01-2016



Cleaning Instructions

Nudo FRP, Envue FRP, & FiberScore™ FRP w/ Sani-Coat

Overview

For best results, engage in a regular cleaning schedule to avoid dirt build-up. As a general rule, any mild cleaner applied with a sponge or soft brush is safe and effective. Avoid using any cleaner or stain remover considered abrasive or containing chlorinated hydrocarbons or aromatic hydrocarbons.

Cleaning Agents

The following cleaning agents have been tested and approved. Be sure to test any cleaning agent not appearing on this list in a small, inconspicuous area first.

- Murphy's Oil Soap
- Lysol
- Mr. Clean
- Formula 409 Multi-purpose cleaner
- Fantastik Multi-purpose cleaner
- Simple Green Multi-purpose cleaner

Application Method

Apply the cleaning agent with a sponge or soft brush, working it across the surface in a scrubbing or circular motion. Rinse thoroughly using cold water.

For Graffiti and Other Stubborn Stains

If the aforementioned cleaning agents fail to remove graffiti or other stubborn stains, the following more powerful agents have been tested and approved for use with caution:

Misty Vandalism Mark Remover
Censor Vandalism Mark Remover

Please note: For FiberScore™ FRP with Sani-coat, apply a minimal amount of cleaner and completely wipe off with a smooth rag within ten seconds of application. Failure to do so will remove the Sani-coat surface. Do not disturb the panel face for thirty minutes after wiping off the cleaning agent. The Sani-coat surface will temporarily soften and return to its original strength after the thirty minute time period. The quick wipe method is not necessary for use on traditional Nudo smooth or textured FRP panels.

These powerful cleaning agents are flammable. Be sure to take proper precautions when using these or any flammable materials.