

Installing Forbo ArmorCove™

- Always refer to and follow the recommendations in the **General Installation Guidelines section** of the Forbo Installation Guide prior to installing Forbo ArmorCove™.
- Always refer to and follow the recommendations in the **Substrate Evaluation and Preparation section** of the Forbo Installation Guide prior to installing Forbo ArmorCove™.
- Beginning the installation is an implied acceptance of site conditions and liability for any failure directly related to inadequate site conditions becomes the responsibility of the installer and/or flooring contractor.
- Material should always be visually inspected prior to installation. If there are any questions regarding the quality of material, contact Forbo's Product Support & Education Services Department PRIOR to installation.
Any costs (including labor) associated with the replacement of material that was installed with visual defects that could have been seen prior to installation are not covered under warranty.
- Forbo ArmorCove™ may be installed on approved substrates on all grade levels. Pay equal attention to the preparation of the floor and wall.
- Always conduct an adhesive bond test prior to installing Forbo ArmorCove™ over non-porous surfaces such as vinyl wallcoverings, marlite, HPL, and epoxy paint to ensure a secure bond can be achieved. Very porous surfaces may require the use of a primer. For additional information, refer to the **Substrate Evaluation and Preparation section** of the Forbo Installation Guide.
- It is recommended to account for an additional 12" (30.48cm) extra in length for each inside and outside corner for waste during fitting.
- All cartons should be installed from the same batch.
- Forbo ArmorCove™ is installed as a border, sometimes referred to as "picture frame." The direction of the Marmoleum® runs the length of each piece and the direction will be perpendicular to the field on certain walls. This is a natural characteristic inherent to ArmorCove™.
- Use Forbo ArmorFix™ adhesive.
- Use a 1/16" x 1/16" x 1/16" square notch trowel to apply the adhesive. Replace the trowel blade when proper coverage is no longer attainable.
- Store Forbo ArmorCove™ in the cartons, stacked no more than six (6) high in a dry, climate-controlled space until installation.
- Wait a minimum of five days following the installation before conducting initial cleaning. For installations over non-porous substrates, additional time may be necessary because the adhesive may take longer to dry and cure.
- Take pride in your work and be Professional at all times.
- **For additional information, contact Forbo's Product Support & Education Services at 1-800-842-7839 or www.forboflooringNA.com.**

Tools Required

In addition to the basic tools for installing (tape measure, pencil, trowel, etc.), the following tools are also required:

- Face Shield or Safety Glasses
- Ear Protection
- Double-sided contact tape
- 12" Sliding Compound Miter Saw with a minimum 92-tooth blade for non-ferrous metals
- Digital Angle-Finder
- Caulking gun
- Clear Silicone

IMPORTANT! Always wear a face shield or safety glasses with proper ear protection when cutting ArmorCove™. Ensure the piece is properly supported on either side of the miter saw and secured to the back fence using clamps. Respect all site-specific personal protective equipment (PPE) requirements.

Installing Forbo ArmorCove™

Cutting and Fitting Inside Corners

- Measure the area to be installed and determine the starting point and seam placement. It is recommended to start at an inside corner.
NOTE: When this is not possible, start at a door frame.
- To fit the first piece, set the compound miter saw to cut a 45° angle in the first piece of ArmorCove™. Ensure the ArmorCove™ is properly supported and positioned on the saw to avoid inaccurate cuts.
- Once the 45° cut is made, move the saw to 0°, move the ArmorCove™ slightly forward and make a straight cut to remove excess aluminum that could interfere with the proper fit in the corner.
- Place the first piece into position to verify the accuracy of the cut. When in place, follow the edge of the ArmorCove™ on the floor with a pencil, marking the substrate for placement.
- Use the digital angle-finder to measure the angle of the corner and divide by 2. Set the compound miter saw to that angle and cut the second piece.
- Once the 45° cut is made, move the saw to 0°, move the ArmorCove™ slightly forward and make a straight cut to remove excess aluminum that could interfere with the proper fit in the corner.
- Place the second piece into position to verify the accuracy of the cut. Make any minor adjustments as required to ensure a proper fit at the corner. When fitting is complete, follow the edge of the ArmorCove™ on the floor with a pencil, marking the substrate for placement.
NOTE: If the first piece of ArmorCove™ will be on a wall less than 10' in length, there will be 2 inside corners on 1 piece. Cut the first corner and then measure from wall to wall at the top of the ArmorCove™. Transfer the measurements onto the ArmorCove™ and cut the opposite end to fit the second corner at a 45° angle. Once the 45° cut is made, move the saw to 0°, move the ArmorCove™ slightly forward and make a straight cut to remove excess aluminum that could interfere with the proper fit in the corner.

Cutting and Fitting Outside Corners

- Position a piece of ArmorCove™ properly along both side of the outside corner and follow the edge of the ArmorCove™ on the floor with a pencil, marking the substrate 3" (7.62cm) past the corner. This will help in obtaining accurate measurements.
- With a pencil, mark the edge of the outside corner on the cap portion.
- Transfer the mark from the substrate onto the edge of the ArmorCove™.
- Adjust the angle of the compound miter saw to cut the angle for the mark on the cap and for the extension of the material onto the substrate.
- Place the piece into position to verify the accuracy of the cut. Make any minor adjustments as required to ensure a proper fit at the corner. When fitting is complete, follow the edge of the ArmorCove™ on the floor with a pencil, marking the substrate for placement.
- Repeat these steps for the other side of the outside corner.

Straight Seams

Forbo ArmorCove™ comes with pre-cut edges. Dry fit the pieces, butting the factory edges for seaming. Make any minor adjustments as required to ensure a proper fit.

Installation

- At the starting point, take the first piece and apply a 1" (2.54cm) piece of double sided power or contact tape to the top of the ArmorCove™.
- Apply Forbo ArmorFix™ adhesive to the back of the ArmorCove™ (but not overlapping the tape), using a 1/16" x 1/16" x 1/16" square notch trowel.
- Then apply Forbo ArmorFix™ adhesive to the floor. Be sure to spread adhesive all the way to the pencil lines without leaving any voids.
- Remove the backing of the tape and position the first piece into the adhesive, ensuring it is tightly seated where the wall and floor meet.
- Immediately roll the ArmorCove™ into the adhesive with a steel seam roller. Pay equal attention to rolling the floor and wall.
- Remove any residual adhesive from the floor with a putty knife.
NOTE: Residual adhesive that is left to dry must be scraped off. If it is not removed, it may cause ledging when the flooring material is installed.
- Repeat these steps for each piece until the room is completed.
- It is recommended to use masking tape to firmly hold the pieces at all outside corners in place until the adhesive has set.
- Once all pieces are installed, if the Marmoleum® on the floor does not perfectly line up with the seam of the ArmorCove™ in the center, take a straightedge and trim the excess material to achieve 90° angles with the seam intersecting in the center.
- To complete the installation, seal the cap to the wall using a fine bead of clear moisture and mildew resistant silicone.

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Marmoleum® EZ-Weld™

HEAT WELDING IS NOT REQUIRED!!

Marmoleum® EZ-Weld™ is a color-matched sealant used to complete the installation of ArmorCove™ in place of heat welding. To use, sparingly apply Marmoleum® EZ-Weld™ to all inside and outside corners as well as the seams on the floor with a 1" (2.54cm) putty knife or plastic applicator (such as a gift card). Ensure there are no sharp or damaged edges on the applicator that might scratch or damage the Marmoleum®. Wipe all excess Marmoleum® EZ-Weld™ off the surface of the Marmoleum® with a clean, damp white cloth.

Forbo recommends using Marmoleum® EZ-Weld™ sealant instead of heat welding. Marmoleum® EZ-Weld™ application is faster and easier than traditional heat welding. For additional information on Marmoleum® EZ-Weld™, refer to Forbo's Marmoleum® EZ-Weld™ Guidelines.

NOTE: If ArmorCove™ is to be heat welded, refer to the *Heat Welding Marmoleum & Linoleum Products section* of the Forbo Installation Guide.

Forbo's Installation Guide contains additional information and is available for download at www.forboflooringNA.com. For a hard copy, or for additional information, contact Forbo's Product Support & Education Services at 1-800-842-7839.