

Health Design™ Coving Installation

1. General Preparation and Conditioning

Read all literature concerning the product description, product limitations, wall surface inspection, adhesive information, adhesive application, product installation procedures and warranty before installation. Deliver all materials to the installation location in its original packaging with labels intact. Maintain the installation area, wall base, and adhesive(s) between 65° F (19°C) and 85°F (30°C) for at least 48 hours before installation, during installation and thereafter. Proceed with the installation only when the conditions are proper and correct. Perform a bond test at least 72 hours prior to the scheduled installation to ensure the surface is suitable. There should be extreme difficulty in removing the wall base from the wall and floor surface. If the back of the wall base becomes soiled prior to installation, clean with a soft cloth dampened with a mild soap and water solution then rinse and let dry. Flexco recommends the installation of all flooring and Health Design Coving & Corners take place after all other finishing operations, including painting to prevent damage.

2. Wall Surface/ Sub-floor/Substrate Inspection and Preparation

Inspect all surfaces prior to installation. Use only on structurally sound interior wall surfaces such as dry plaster, cured drywall, exterior grade plywood (Group 1, CC type), concrete and masonry that is clean, smooth, dry and structurally sound. The surfaces must be free of moisture, dust, sealers, paint, curing compounds, parting agents, residual adhesives, adhesive removers, hardeners, resinous compounds, solvents, wax, oil, grease, asphalt, gypsum compounds, alkaline salts, excessive carbonation or laitance, mold, mildew or any other extraneous coatings, films or materials that could prevent a successful bond. Refer to flooring manufacturers recommendations for proper substrate preparation. **DO NOT** install wall base on outside walls in contact with the ground if moisture or alkali is present. This product is for indoor use only. **DO NOT** install wall base or corners on any surface that will be exposed to moisture or extreme temperature changes. **DO NOT** install over non-porous surfaces such as vinyl or rubber wall coverings, laminated masonite, plastic laminates, FRP Panels, ceramic tile, marble, non-porous paints, freshly painted surfaces or over existing alcohol resin adhesives. If installing over a vinyl wall covering, cut and remove the wall covering 1/4" (6.35mm) below the top and expose the substrate completely. Any rough or uneven surfaces may telegraph through the wall base. **DO NOT** use sweeping compounds, solvents, citrus adhesive removers or acid etching to clean the substrate. **DO NOT** install wall base over gypsum-based or plaster based leveling or patching compounds. **DO NOT** install wall base over old floor covering, as the old floor covering may not be adequately bonded, hide possible structural defects or cause plasticizer migration into the wall base. **Warning:** When removing old wall base or adhesives, you must presume the materials may contain hazardous materials, unless positive identification proves otherwise. Follow the recommended practices for the proper removal and disposal of the materials. Follow the recommended practices for the proper removal and disposal of the materials.

3. Product Installation

Prior to application of any adhesive, determine the proper layout for the Health Design Base and Corners. Dry fit product and check for any manufacturing defects. Fit the field sections of the Health Design Base, ensuring square cuts on each end. Cut the Health Design Base to ensure a snug fit against the Corners, **DO NOT** allow the field section to buckle. Determine the gauge of the flooring that will meet Health Design Base toe. The underside of the Health Design Corners contains a faint scribe line at 1/8" (3.175 mm) and 0.100" (2.54 mm), the edge of the toe 0.080" (2.03 mm). These lines are nominal gauge indicators only, proper trim position should be determined with the installed flooring materials. Trim the Health Design Coving toe from the top side of the toe with a straight edge. Dry fit Health Design Coving & Corners to determine coverage area for flooring, mark the substrate for reference. Install the flooring while not allowing the flooring to extend past 1/2" beyond the reference marks. After Installation of the flooring, use the reference marks to trim the flooring with a straight edge to allow for installation of the wall base, make sure not to undercut the flooring while trimming. Beginning with the corners, spread recommended adhesive evenly on the back of the corner or wall surface. Place corner into position and hand roll corners to ensure good adhesive transfer, Flexco recommends 90% coverage with adhesive. Repeat this process with the field sections of the Health Design Base. **Caution,** ensure adequate bond exists at the top edge of the Health Design Base and Corners, this is critical for

efficient welding later. Failure to do this will result in material pulling away from surface when welding. Ensure adhesive does not ooze from top edge, as this will lead to unsightly installations. Allow 24 hours for the adhesive to dry before grooving Health Design Base seams and the perimeter of the flooring. Use a TURBO® Cove Groover or other similar tool to prepare the Health Design Coving & Corner seams to receive the welding rod. Use a TURBO® Hand Groover or similar tool to prepare the Health Design Coving and flooring seams to receive the welding rod. When grooving the seams, the depth of the groove should be 2/3rds the thickness of the flooring and wall base. Use scrap pieces of Health Design Coving and flooring to determine proper grooving depths and temperatures for heat welding equipment prior to welding the Health Design Coving and floor. Medium to medium-high temperatures are a good place to begin. If heat gun has a separate blower setting, a medium setting is preferred; adjust as needed to ensure adequate bond during welding. Weld all vertical Health Design Coving & Corner seams first followed by the floor seams. Two pass skiving is required to trim the welded seams. For the first skive pass, the use of a trim plate is recommended. It is not possible to use the trim plate in the cove portion, so use caution when performing first trim. Flexco recommends using the Mozart trimmer by Crain Tools or a similar smaller trim tool. 3M Blue Tape (painters tape) within 1/8” on both sides of all welded seams prior to skiving will help to prevent any damage to the Health Design Coving & Corners. “Glazing” the trimmed surface of the Health Design Base, Corners and welding rods after trimming may smooth out any imperfections and provide gloss to dulled areas.

Color-Rite Color Matched caulk is available to finish the installation for a professional look if needed. When cutting lengths to install, cutting the length longer than needed will help to avoid any shrinkage.

COMPANY INFORMATION

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