

#### Product Description

Flexco Health Design Wall Base & Pre-Molded Corners is a specially molded thermoplastic rubber (TPR) wall base that is specifically designed to produce a solid, durable, dimensionally stable wall base system. Health Design™ Base

offers an alternative to the traditional flash-coving of sheet good. Health Design™ Base is pre-formed and fully supported to eliminate the need of a cove/fillet strip and concerns regarding the integrity of the cove of a traditional flash cove. Health Design™ Base is suitable for heat welding, allowing for

seamless installations in combination with Vinyl, Rubber and Linoleum products. The surface texture is an appealing unique matte finish to ensure an attractive juncture of floors and walls that is easy to clean and maintain. Health Design™ Base is manufactured in the USA from premium raw materials.

#### Features

- **Phthalate Free**
- **Pre-Molded Coving, Corners & Support**
- **Heat Weldable**
- **Compatible With Many Flooring Products**
- **Will Not Shrink, Gap or Cup**
- **Recyclable**
- **Qualifies for LEED® Credits**
- **FloorScore® Certified**

#### Technical Data

Style: **Butt-To / Flush**

Nominal Height: **6" (152.4 mm)**

Nominal Toe Length: **3" (76.2 mm)**

Vertical Thickness: **1/8" (3.2 mm)**

Toe Thickness: **0.080" - 1/8" Taper (2 - 3.2 mm)**

Nominal Length: **6' Sections (7.62 cm)**

Carton Quantity: **6 Pieces (36' Total)**

LEED v2009 IEQ Credit 4.1: **Qualifies**

ASTM F1861 – Resilient Wall Base: **Type TP, Group 1, Style C**

ASTM E648 (NFPA 253) - Critical Radiant Flux: **Class I, > 0.45 W/cm2**

ASTM E662 (NFPA 258) - Smoke Density: **Passes, <450**

Acclimation Time: **48 Hours**

Storage & Acclimation Temperature: **65° - 85° F**

#### Additional Information

##### Approved Adhesives

AW-510 Acrylic Wet-Set Adhesive  
WB-600 Acrylic Wall Base Adhesive  
C-630 Contact Adhesive

##### Additional Accessories

Pre-molded factory corners are available to match wall base installations. Product

may be heat-welded with available vinyl welding rods (400' roll, 4mm diameter).

##### Availability, Cost & Samples

Flexco products are sold through distribution. To locate the nearest distributor, visit [flexcofloors.com](http://flexcofloors.com) or send an e-mail to [info@flexcofloors.com](mailto:info@flexcofloors.com).

##### Technical Documents & Support

Additional product resources and technical documents are available online at [flexcofloors.com](http://flexcofloors.com). For additional technical support, send an e-mail to [solutions@rhctechical.com](mailto:solutions@rhctechical.com).

### 1. PRE-INSTALLATION CHECKLIST

- Consult all associated product literature concerning installation and warranty prior to installation.
- Allow all trades to complete work prior to installation.
- Deliver all materials to the installation location in its original packaging with labels intact.
- Inspect all materials to ensure there is no damage.
- Do not stack pallets to avoid damage.
- Ensure installation area and material storage temperatures are between 65° F (19° C) and 85° F (30° C) and 40% - 65% RH for at least 48 hours before, during and after installation.
- Ensure HVAC system is operational and fully functioning at normal operating conditions 48 hours prior to, during and 48 hours after installation.
- Protect installation area from extreme temperature changes, such as heat and freezing, as well as direct sunlight for at least 48 hours before, during and after installation.
- Do not proceed with installation until all conditions have been met.

### 2. PRODUCT LIMITATIONS

Do not install materials over existing wall base, flash-coved rubber, vinyl or linoleum flooring, cork, or asphaltic materials. Do not install wall base materials in outdoor areas and in or around commercial kitchens. Do not install in areas that may be subjected to sharp, pointed objects. Do not allow product to be directly exposed to extreme heat sources, such as radiators, ovens or other high-heat equipment. May be susceptible to staining from harsh disinfectants, cleaning agents, dyes or other harsh chemicals – ensure all chemicals and materials that may come in contact with wall base will not stain, mar or otherwise damage the material prior to use.

### 3. SUBSTRATE PREPARATION

All substrates must be clean, smooth, permanently dry, flat, and structurally sound. Substrates must be free of visible water or condensation, dust, sealers, water-based / acrylic paint, residual

adhesives and adhesive removers, solvents, wax, oil, grease, asphalt, gypsum compounds, visible alkaline salts or excessive efflorescence, mold, mildew and any other extraneous coating, film, material or foreign matter. Substrate must be a structurally sound interior wall surface, such as dry plaster, cured drywall, fiber-reinforced plastic (FRP) panels, fiberglass, exterior grade plywood (Group 1, CC type), concrete, metal and masonry. Ensure that vertical substrates do not have gaps larger than 1/2" to allow for full support of Health Design™ Base. Any cracks, voids, divots, grout lines and imperfections must be filled with a patch or filler suitable for the substrate.

When installing directly over a resinous products, such as an epoxy paint, ensure that coating is dry to the touch and has cured for the prescribed length of time. Substrate must be clean, dry, sound and free of contaminants. Material to be installed over non-porous substrates, such as epoxy paint, FRP panels or fiberglass, must be installed with the Excelsior C-630 Contact Adhesive.

Metal substrates must be thoroughly sanded/ground and cleaned of any residue, oil, rust and/or oxidation. Substrate must be smooth, flat and sound prior to installation. When installing in areas that may be subject to topical water or moisture and/or high humidity, an anti-corrosive coating must be applied to protect metal substrate. Contact a local paint or coating supplier for coating recommendations. Install wall base within 12 hours after sanding/grinding to prevent re-oxidation. Metal substrates are non-porous – follow all installation instructions, trowel sizes and flash times for non-porous substrates.

### 4. PRE-MOLDED CORNER INSTALLATION

Pre-Molded Health Design™ Base corners must be installed prior to Health Design™ Base Wall Base materials. Ensure substrate is suitably prepared prior to installation, as manufacturer is not responsible for substrates that have not been properly prepared. Ensure adhesive is approved for use with wall base material and that proper trowel or applicator type

and size is used, as manufacturer is not responsible for any and all adhesion issues related to improper adhesive selection or usage.

Corners should be installed on 90° corners - do not attempt to install corner blocks over other angles, including 135° angles, without technical assistance and guidance.

Prior to installation, the thickness of the flooring material that will butt to the Health Design™ Base Corner. The underside of the Health Design™ Base contains a nominal thickness/scribe indicators at 1/8", 0.100" and 0.080" to accommodate most flooring thicknesses. These indicators are nominal - always measure the thickness of the flooring material to be used to determine the proper amount to trim. Trim the Pre-Molded Corner from the edge of the toe with a utility knife as necessary.

Once trimmed, determine if the flooring or the wall base material will be installed first. If the flooring will be installed first, trace the edge of the Health Design™ Base onto the substrate and snap a chalk line on the substrate to determine the trim line for the flooring. If installing the Health Design™ Base first, the flooring material can be under-scribed to meet the edge of the Health Design™ Base.

Prior to installation, dry fit all Health Design™ Base materials to check for manufacturing defects and substrate abnormalities. Ensure that all sides of all Pre-Molded Corners will align with adjacent Health Design™ Base materials after installation - this may require that the Pre-Molded Corners or adjacent Health Design™ Base sections be trimmed or shimmed.

Install adhesive to the back of the corner and install onto corner.

### 5. WALL BASE INSTALLATION

Prior to installation, ensure wall base material has been properly acclimated and that ambient conditions are within normal operational ranges. Ensure substrate is suitably prepared prior to installation, as manufacturer is not responsible for substrates that have not been properly prepared. Ensure adhesive is approved for use with wall base material and that

proper trowel or applicator type and size is used, as manufacturer is not responsible for any and all adhesion issues related to improper adhesive selection or usage.

Pre-molded Health Design™ Base Corners must be installed prior to installing Health Design™ Base materials. Cut and dry-fit all Health Design Wall Base materials to fit tightly against Pre-Molded Corners. Ensure that all sides of all Pre-Molded Corners will align with Health Design™ Base materials after installation - this may require that the Health Design™ Base sections be trimmed or shimmed. Check for manufacturing defects and substrate abnormalities and make necessary adjustments prior to installation.

Apply adhesive to the back of the wall base per adhesive instructions, ensuring that wet-set adhesives do not come within 1/4" of the top of the wall base. Install wall base to substrate, ensuring that wall base material is not stretched or over-compressed during installation. Stretching material or over-compressing seams and corners may cause wall base to shrink and/or curl/delaminate, respectively.

Periodically lift material to ensure proper adhesive transfer - adhesive should cover 90% of material. Using a suitable hand roller, carefully roll material in the direction of the last piece installed with a hand roller within 30 minutes of installation.

Health Design wall base installations can be enhanced by using Flexco's matching Colored Caulk to fill any voids or imperfections. Allow wall base to cure for the required period of time - do not disturb wall base installation until curing time is complete.

## 6. HEAT-WELDING INSTALLATION

Health Design Wall Base may be heat-welded vertically and horizontally. All vertical seams must be heat-welded with Flexco Vinyl Weld-Rod and must be welded prior to welding the horizontal seams. Horizontal seams must be welded with a material that is suitable for the flooring material, such as rubber, vinyl or linoleum - follow all manufacturers instructions regarding heat-welding, heat-weld rod

and installation. Ensure that adhesive has cured for recommended period of time prior to beginning heat-welding.

Prior to cutting heat-welding groove, ensure gap between seams is free of adhesive, dust, dirt, debris and contaminants. When using a hand grooving or electric grooving machine, test groove depth on scrap material to ensure proper depth is achieved. While grooving, ensure removal is split between each side of the materials, 50% per side. Hand-grooving may be required near walls, protrusion and other obstacles. Remove any and all loose pieces of material, as well as any other debris from groove prior to welding. Using a hot air welding gun, insert the Welding Rod through the welding tip and into the center of the routed groove or seam. Prior to welding, test weld on scrap material to ensure temperature settings and welding speeds are correct and achieve a successful bond.

Do not allow foot traffic or trim welding bead until welding bead has completely cooled. To trim seam, use a clean, sharp quarter-moon spatula knife and a clean trim plate or a Crain Mozart trimmer. Use an X-Acto Trimmer with a round blade when trimming cove areas and use extreme caution. After one hour, trim seam again with a quarter-moon spatula knife to create a smooth, level seam surface. If seam imperfections are observed, use a hot air gun to smooth out imperfections.

## 7. INITIAL MAINTENANCE

Ensure that adhesive has cured for recommended period of time prior to conducting initial maintenance. Remove any protective coverings prior to cleaning. Sweep, dust or wipe material to remove any dirt, dust or debris. DO NOT use vacuums or electric brooms which have beater bars, hard plastic bottoms, a rubber bumper or are lacking proper padding or protection, as this may cause marking, discoloration, scratching and loss of sheen. Do not use detergents, abrasive cleaners or "mop and shine" type products, as they will dull the finish and sheen of the material.

Mix 2-4 ounces of Excelsior NC-900

Neutral Cleaner per gallon of clean, potable water. Use a clean towel or cloth to apply cleaner to material. If heavily soiled, an additional cleaning may be required. Use clean towel or cloth to remove any and all excess cleaning solution. Rinse area with clean, cool water and allow material to dry entirely. Ensure material is clean and that all all cleaning residue has been removed (this may require additional rinsing).

***For further information regarding daily or routine maintenance, please consult the product care & maintenance document or the associated product technical data sheet.***

## 8. MATERIAL PROTECTION

Protect newly installed material with construction grade paper or protective boards, such as Masonite or Ram Board, to protect material from damage by other trades. Limit usage and foot traffic according to the adhesive's requirements. When moving appliances or heavy furniture, protect wall base from scuffing and tearing using temporary floor protection.

## 9. PAINTING PROCEDURES

Health Design™ Base wall base may be painted, if desired. Once wall base has been cleaned and wall base is free of all residues which may interfere with bonding, the wall base must be primed prior to final painting. Be sure to select a high quality primer that is recommended and compatible with rubber and vinyl, such as a 100% acrylic or a 100% acrylic latex paint primer. Test compatibility on an un-installed piece of wall base to confirm adhesion, compatibility and performance. Once the primer has properly dried, the wall base can be painted with a high quality acrylic latex paint. Follow all primer and paint manufacturer's recommendations and guidelines. Confirm proper maintenance procedures for paint prior to cleaning.

## 10. WARRANTY

Flexco provides a 2 year limited warranty for all Health Design™ Base wall base. For additional information, see associated warranty documents.

**FOR PROFESSIONAL USE ONLY. PLEASE CONSULT ALL ASSOCIATED TECHNICAL DATA SHEETS, SAFETY DATA SHEETS, MAINTENANCE DOCUMENTS AND WARRANTY INFORMATION PRIOR TO INSTALLATION.**