

### Product Description

Flexco Wallflowers® Rubber Wall Base is a true, 100% thermoset (TS) rubber wall base. Wallflowers® wall base is incredibly durable, allowing it to stand up to a wide range of use when compared to vinyl wall base. Wallflowers® wall base is extremely flexible, making it easy to

install, especially when installing around tight radius' such as columns, corners and architectural curves without altering or treating the product.

Wallflowers® wall base is designed for use in commercial wall base applications. Wallflowers® wall base is available in a wide range of heights, from 2 1/2" to 6", and a wide range of toes to match a

wide variety of flooring installations and application requirements.

Wallflowers® wall base is FloorScore certified, contributes to LEED credits and meets a variety of VOC requirements. Wallflowers® wall base is manufactured in the USA and is recyclable.

### Features

- **Phthalate Free**
- **Extremely Durable**
- **Extremely Flexible**
- **Available in Wide Variety of Sizes**
- **Will Not Shrink, Gap or Cup**
- **100% Recycleable**
- **Qualifies for LEED® Credits**
- **FloorScore® Certified**

### Technical Data

Toe Styles: **Cove, No Toe**

Nominal Height - Standard Base: **2 1/2" (63.5 mm)**  
**4" (101.6 mm)**  
**4 1/2" (114.3 mm)**  
**6" (152.1 mm)**

Nominal Length: **48" Sections (1.22 m)**  
**120' Rolls (36.58 m)**

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

LEED v2009 IEQ Credit 4.1: **Qualifies**

ASTM F1861 – Resilient Wall Base: **Type TS, Group 1, Style A & B**

ASTM E648 (NFPA 253) - Critical Radiant Flux: **Class I, > 0.45 W/cm<sup>2</sup>**

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

ASTM E84 - Flammability: **Class A**

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

Inside and outside factory corners, rubber corner blocks and mini-rubber

corners are available to match wall base installations.

#### 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@rhctech.com](mailto:solutions@rhctech.com).

## Rubber Wall Base, Corner Blocks & Corners

### Cove Base

Base Height: **2 1/2" (63.5 mm), 4" (101.6 mm), 4 1/2" (114.3 mm), 6" (152.1 mm)**

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

Base Length: **48" (1.22 m) Sections**  
**120' (36.58 m) Coils**

Carton Quantity: **30 Pieces / 1 Coil**

Carton Weight - 2 1/2": **30 lbs.**

Carton Weight - 4": **48 lbs.**

Carton Weight - 4 1/2": **50 lbs.**

Carton Weight - 6": **69 lbs.**

### No Toe Base

Base Height: **2 1/2" (63.5 mm), 4" (101.6 mm), 4 1/2" (114.3 mm), 6" (152.1 mm)**

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

Base Length: **48" (1.22 m) Sections**  
**120' (36.58 m) Coils**

Carton Quantity: **30 Pieces / 1 Coil**

Carton Weight - 2 1/2": **26 lbs.**

Carton Weight - 4": **43 lbs.**

Carton Weight - 6": **69 lbs.**

### Cove Base Factory Corners

Corner Type: **Inside & Outside**

Corner Height: **2 1/2" (63.5 mm), 4" (101.6 mm), 6" (152.1 mm)**

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

Corner Return Length: **3"**

Corner Carton Quantity: **30 Pieces**

Carton Weight - 2 1/2": **2 lbs.**

Carton Weight - 4": **3.8 lbs.**

Carton Weight - 6": **5 lbs.**

### No Toe Base Factory Corners

Corner Type: **Inside & Outside**

Corner Height: **2 1/2" (63.5 mm), 4" (101.6 mm)**

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

Corner Return Length: **3"**

Corner Carton Quantity: **30 Pieces**

Carton Weight - 2 1/2": **2 lbs.**

Carton Weight - 4": **3.8 lbs.**

### Rubber Corner Blocks

Corner Type: **Inside & Outside**

Corner Height: **2 3/4" (69.85 mm), 4 1/4" (107.96 mm), 4 3/4" (120.65 mm), 6 1/4" (158.75 mm), 8" (203.2 mm)**

Corner Thickness: **1/2" (12.77 mm)**

Corner Return Length: **1"**

Carton Quantity: **15 Pieces**

Carton Weight: **1.65 lbs. (2 3/4"), 2.1 lbs. (4 1/4"), 2.35 lbs. (4 3/4"), 3 lbs. (6 1/4"), 3.84 lbs. (8")**

### Mini-Rubber Corners

Corner Type: **Inside & Outside**

Corner Height: **2 3/4" (69.85 mm), 4 1/4" (107.96 mm), 6 1/4" (158.75 mm)**

Corner Thickness: **0.060" - 0.080" (1.5 - 2 mm)**

Corner Return Length: **1"**

Corner Carton Quantity: **15 Pieces**

Inside Carton Weight: **0.67 lbs. (2 3/4"), 1.04 lbs. (4 1/4"), 1.53 lbs. (6 1/4")**

Outside Carton Weight: **0.77 lbs. (2 3/4"), 1.18 lbs. (4 1/4"), 1.74 lbs. (6 1/4")**

### 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. 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 contaminates. 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. FACTORY CORNER INSTALLATION

Flexco Factory Corners, Rubber Corner Blocks and Mini-Rubber Corners must be installed prior to Wallflowers® 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 and corner blocks must be installed on 90° corners - do not attempt to install corner blocks over other angles, including 135° angles. Install adhesive to the back of the corner or corner block and install onto corner. Mechanically fasten the returns / wings of corner blocks with staples or brad nails to increase stability. When fastening, ensure that staples or nail heads do not protrude from return, as they may telegraph through wall base material.

### 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. When installing wall base in areas that may be subjected to abuse, such as intentional removal, the Excelsior AW-510 or C-630 adhesives must be used to prevent removal.

Cut wall base to desired length and fit tightly against corner blocks or allow for job-site formed corners detailed in section

6.

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.

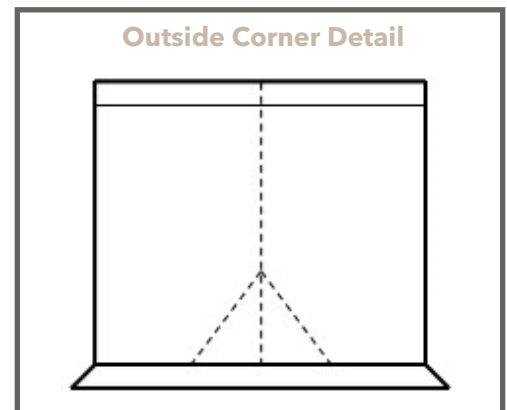
Periodically lift material to ensure proper adhesive transfer - adhesive should cover 90% of material. Using a suitable hand roller, carefully roll material in the direction of the last piece installed with a hand roller within 30 minutes of installation.

Wallflowers® wall base and corner blocks 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.

### JOB-SITE FORMED CORNERS

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.

### OUTSIDE CORNERS



To create an outside corner on-site using wall base material, position wall base

material firmly against the wall, allowing wall base to overhang corner in the direction that it will be installed. Use a pencil to mark the center of the corner on the back of the wall base, ensuring pencil line is straight and runs from the top of the wall base to the base of the toe.

Reposition wall base material on a flat, stable surface, backside facing up. Use a top-set gouge to create a center groove on the long side of the pencil line, removing ~30% of the wall base material. Ensure center groove is on the side of the line that is in the direction the wall base will be installed. Remove excess material from each side of the corner groove.

Use a pencil to mark 1" from the base of the toe on the center line. From the 1" mark, mark a straight line on a 45° angle to the base of the toe on either side of the center groove. Use the top-set gouge to cut two stress relief grooves along the pencil line. Use a knife to remove all excess material between the stress relief groove and the center groove.

While rolling to toe of the wall base up, fold wall base along center groove to form the corner. The top edge of the wall base should fit tight and flush to the wall's surface, while the toe should be rounded and sit flat on the surface of the floor.

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, and install wall base to substrate.

## INSIDE CORNERS - TOE

To create an inside corner using wall base material, position wall base material firmly against the wall and into the corner. Use a pencil to mark the center of the corner on the back of the wall base and make note of wall base installation direction (from left to right or right to left). Reposition wall base material on a flat, stable surface, backside facing up. Prior to creating an inside corner, measure the distance from the end of the last piece of base installed to the inside corner. If the distance from the last piece of base installed and the corner is within 5', draw a center line 1/16" from initial center mark in the direction the wall base will be installed. If the distance is more than 5', draw a center line 1/8" from

initial center mark in the direction the wall base will be installed. Ensure pencil line is straight and runs from the top of the wall base to the base of the toe.

Use a top-set gauge to create a center groove along the center line. Remove excess material from each side of the center groove. Fold wall base along center groove to form the inside corner. Use a utility knife to cut a "V" into the toe from the base of the toe to the end of the toe. Ensure "V" is slightly less than 45° to avoid removing too much material. Remove material to create a triangular void so that wall base can be installed into corner without the toe overlapping. Make any final 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, and install wall base to substrate. The top edge of the wall base should fit tight and flush to the wall's surface and previously installed wall base. Once properly positioned, apply firm pressure to the corner to adhere it to the wall. Roll wall base with a hand roller in the direction the material was installed.

## INSIDE CORNERS - NO TOE

To create an inside corner on-site using wall base material, install one side of the inside corner as usual, ensuring that wall base is flush with adjoining wall. Without applying adhesive, position the next section or coil of wall base on the adjoining wall with a ~1" gap from the installed material. Set a divider to the gap and move wall base material flush with the corner.

While applying firm pressure to the adjacent wall base corner with divider, mark the wall base with the divider to determine scribe line. Use a suitable knife to trim wall base along scribe mark. Install wall base as usual, ensuring that wet set adhesives do not come within 1/4" of the top of the wall base and do not squeeze out of wall base corner.

## 6. 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 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.***

## 7. 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.

## 8. PAINTING PROCEDURES

Wallflowers® 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.

#### **9. WARRANTY**

Flexco provides a 2 year limited warranty for all Wallflowers® 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.**