

Product Data

Section 9
Resilient Flooring
Wallflowers Premium Molded Rubber Wall Base

1. PRODUCT NAME

Wallflowers® Premium Molded Rubber Wall Base

2. COMPANY INFORMATION

Flexco Corporation
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3. PRODUCT DESCRIPTION

3.1 Basic Application and Construction

Flexco Wallflowers Molded Rubber Wall Base is manufactured using first quality polymers and raw materials to produce a solid, durable, molded rubber base for indoor use in commercial and residential applications. Wallflowers Molded Rubber Wall Base is extruded and molded to be tough enough to resist scuffing, but has the flexibility for fast and economical installations and conceal floor and wall irregularities. The color is homogeneous throughout the entire thickness of the wall base. The surface texture is an appealing unique matte finish to ensure an attractive juncture of floors and walls. Available in our standard and exclusive FlexTones® Color Matching System that allows color coordination with rubber and vinyl tile, rubber and vinyl stair treads, risers, stringers, and accessories.

3.2 Product Types

Styles: Straight (Style A), Cove (Style B)
Gauge: 1/8" (3.175 mm)
Heights: 2 1/2" (6.35 cm), 4" (10.16 cm), 4 1/2" (11.43 cm), & 6" (15.24 cm)
Lengths: 48" sections (1.22 m) & 120' (36.58 m) rolls; 120 linear feet (36.58 m) per carton
Colors: Contact Flexco for the latest color selection

3.3 Corners

Preformed inside and outside corners are available with a nominal 3" return

4. TECHNICAL DATA

ASTM E84 (NFPA 255) - Surface Burning Characteristics of Building Materials; Class B
ASTM E648 (NFPA 253) - Critical Radiant Flux; Class 1, < 1.0 W/cm²
ASTM E662 (NFPA 258) - Specific Optical Density of Smoke Generated by Solid Materials; Passes
ASTM D471 - Effect of Liquids, Water Absorption; < 0.20%
ASTM D570 - Water Absorption of Plastics; < 0.15%
ASTM F925 - Resistance to Chemicals; Passes
ASTM F1861 - Type TS, Group 1, Styles A & B; (Federal Specification SS-W-40a, Type 1, Styles A & B)

5. PRODUCT LIMITATIONS

Wallflowers Molded Rubber Wall Base is not to be installed over non-porous surfaces such as vinyl or rubber wall coverings, laminated masonite, plastic laminates, or non-porous paints. **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 on any surface that will be exposed to moisture or extreme temperature changes. Wallflowers may be stained if it is allowed to remain in contact with other rubber products that may contain staining ingredients such as tires, casters, and walk-off mats. Fading can occur from extensive exposure to heavy direct or glass-filtered sunlight, or unfiltered ultra-violet rays. Ensure any disinfectant, cleaning agent, dye, floor care product, pesticide, or other chemical (solid, liquid, or gas) that may be exposed to the wall base will not produce permanent discoloration and/or damage to the flooring. The wall base is not to be exposed to direct heat, such as radiators, hot ovens, or other heated equipment. Color selections must be made from actual samples as exact matching of color or shade may vary. Wallflowers must be installed using Flexco 106 Wall Base Adhesive and in accordance with Flexco's recommendations in order for the product warranty to be in effect.

6. INSTALLATION

6.1 General Preparation and Conditioning

Read the literature concerning the product description, product limitations, wall surface inspection, adhesive information, adhesive application and product installation procedures, and warranty before installation. All materials are to be delivered to the installation location in its original packaging with labels intact. The installation area, wall base, and adhesive are to be maintained between 65° F and 85° F for at least 48 hours before installation, during installation, and 48 hours after the installation. Maintain room temperatures between 55° F and 95° F thereafter. Proceed with the installation only when the conditions are proper and correct. Inspect all material for proper type and color. Flexco 106 Wall Base Adhesive must be used for the installation of Flexco Wallflowers Molded Rubber Wall Base. A bond test should be performed 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 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, rinse, let dry.

6.2 Wall Surface Inspection

All surfaces should be inspected 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. All surfaces must be free from moisture, alkali, old adhesive, dust dirt, wax, oil, grease, loose paint or plaster, nonporous wall coverings or paints and other extraneous coatings or materials that could prevent a successful bond. Plaster and cement must be thoroughly dry and cured. Any rough or uneven surfaces may telegraph through the wall base. Follow the manufacturer's recommendations for any patching materials. **Warning:** When removing old wall base or adhesives, unless they can be positively identified not to contain hazardous materials, you must presume the materials may contain hazardous materials. Follow the recommended practices for the proper removal and disposal of the materials.

6.3 Adhesive Information

Flexco 106 Wall Base Adhesive is a solvent free, water-based, nonflammable, high performance acrylic adhesive for installations on porous wall surfaces. This adhesive contains antimicrobial protection that protects the dried, applied adhesive from mold, mildew and bacteria that cause odors and product degradation. This adhesive is freeze/thaw stable down to 0° F; however, it is recommended to protect all water-based products from freezing. If frozen, **DO NOT** stir until material has completely thawed. Flexco 106 Wall Base Adhesive does not contain chemicals reportable under American Federal OSHA 29 CFR 1910.1200 and is not controlled under the Canadian Regulation WHMIS. Label information is printed in English and Spanish. Shelf life is one year at 70° F in an unopened container. This product is available in 1 gallon and 4 gallon plastic buckets and in a 30 fluid ounce cartridges. Spread coverage on 4" wall base using a 1/8" saw-tooth spreader is approximately 250 linear feet per gallon. The cartridge is designed for single bead application or for use in a custom applicator with 2-hole nozzles for 2 1/2" wall base, 3-hole nozzles for 4" and 4 1/2" wall base and 5-hole nozzles with 6" wall base. When using a 30 fluid ounce cartridge, spread coverage on 4" wall base using 3 beads of adhesive is approximately 70 linear feet. Coverage will vary according to the type of surface, surface texture, spreading angle and nozzle diameter. Moist adhesive may be cleaned from the face of the wall base, surrounding area, tools and/or hands with water. Dried adhesive may be removed with a soft cloth dampened with

mineral spirits. **DO NOT** allow the mineral spirits to penetrate the seam; this can destroy the adhesive bond. Read all the product and safety information concerning the adhesive, mineral spirits, and cleaning agents prior to installation. Follow the manufacturer's recommendations with regard to use and disposal. A Material Safety Data Sheet (MSDS) should be available during the storage of and during the use of the adhesive.

6.4 Adhesive Application and Product Installation

Spread adhesive with a 1/8" saw-tooth spreader evenly on the back of the base or wall surface. **DO NOT** spread adhesive within 1 inch from the top of the wall base. **Caution: DO NOT STRETCH** the wall base. The wall base can be stretched while rolling and will later return to its original length causing gaps at the seams. **Note:** It is important to always roll the base in the direction toward the last piece installed. This practice will ensure a tight fit at the seams. Bond the base to the wall within 15 minutes after adhesive application and lightly roll with a hand wall base roller. Periodically check the back of the wall base to make sure good adhesive transfer occurs. At least 80% of the base must be covered with adhesive. Adhesive open time will vary upon the type of surface, temperature of the surface, ambient temperature, humidity and proper conditioning of the adhesive. When using an adhesive cartridge with the existing cartridge nozzle in a standard caulking gun, cut the plastic tip diagonally to produce a bead of adhesive 1 inch in diameter. When using the cartridge in an applicator with custom spreader heads, cut the plastic tip to a length of 3/4 inch or less. Puncture the tab at the bottom of the nozzle with a screwdriver or other appropriate tool. Apply even pressure to the trigger to produce an even flow of adhesive. Whether using the existing nozzle or custom spreader heads, use 2 beads for 2 1/2", 3 beads for 4", and 5 beads for 6" wall base. Preformed inside and outside corners are to be installed prior to the wall base using a 1/8 inch saw-tooth spreader. If not using preformed corners, the wall base can be formed around outside corners and mitered for inside corners in the conventional manner by forming on the job. To form an inside corner, cut a groove approximately 1/32 inch deep and 1 inch wide on the back of the wall base, make outside cuts on the toe of the wall base at 45° angles, apply adhesive, fold it at a 90° angle then fit it firmly into place in the corner. To form an outside corner, cut a groove approximately 1/32 inch deep and 1 inch wide on the back of the wall base, apply adhesive, and fit firmly into place around the corner. **DO NOT** disturb the installed wall base for 48 hours after installation to allow the adhesive to properly set up. Maintain the temperature between 55° F and 95° F thereafter. On nonporous wall surfaces, a water base contact bond adhesive should be used.

7. PRODUCT MAINTENANCE

Some disinfectants, cleaning agents, floor maintenance products and pesticides may stain or damage the surface of the Wallflowers wall base. Clean the Wallflowers wall base with a soft cloth dampened with a neutral pH cleaner and warm water solution. Rinse sparingly with water. If applying finish to flooring, take necessary precautions to keep finish from the Wallflowers wall base. If applying finish to the Wallflowers wall base, test inconspicuous area first for compatibility.

8. TECHNICAL SERVICES

8.1 Technical Assistance

Technical service information and assistance may be obtained by calling Flexco Customer Service or by visiting www.flexcofloors.com.

8.2 Samples

Samples may be obtained by calling Flexco Customer Service or by visiting www.flexcofloors.com.

9. AVAILABILITY AND COST

Products are available through Flexco distributors. Contact Flexco Customer Service or visit www.flexcofloors.com for a list of distributors.

10. LIMITED WARRANTY

Flexco Corporation manufactures and markets its floor products under the trade name Flexco®. Flexco Wallflowers Molded Rubber Wall Base products are warranted for a period of one year from date of installation to be free of defects in material and workmanship, if installed, maintained and used strictly in accordance with Flexco's written instructions. Notice of any defect must be made in writing to Flexco within thirty days after buyer learns of the defect. No merchandise is to be returned prior to Flexco's inspection and written approval. If the product is alleged to be defective, Flexco reserves the right to inspect the manner and quality of the installation. Flexco assumes no liability for

labor costs in the installation of its products that are alleged to be defective. The buyer's sole and exclusive remedy against Flexco and Dealer for claims arising hereunder for any and all losses and damages resulting from any cause shall be receipt of, at Flexco's option, either replacement of the defective merchandise, or a refund of the sale price of the defective merchandise. In no event shall Flexco be liable for incidental, consequential, enhanced or punitive damages, even if some other provision of this Limited Warranty is unenforceable. Buyer must provide proof of purchase and time of purchase and installation. Buyer waives all other claims and remedies of any nature against Flexco, whether statutory, based in common law or equity, and including, but not limited to, direct, indirect, special, enhanced, punitive, incidental and consequential damages. Flexco shall have no liability whatsoever to Buyer in the event the goods become defective if such defect is caused in whole or part by cuts, tears, vandalism, fire, willful destruction, spiked footwear, improper use, improper installation, improper maintenance, accident or act of God. The Flexco Vinyl Wall Base Product Data information concerning Product Limitations, Installation and Maintenance must be adhered to in order for this Limited Warranty to be valid. Product Data information may be obtained from a Flexco distributor or by writing Flexco, Attention: Customer Service Manager, 1401 East 6th Street, Tuscumbia, Alabama, 35674. Products designated as "seconds", "mill run", "nonconforming", not being of first quality, are sold as is and Flexco makes no warranties whatsoever, expressed or implied. The warranty period commences on the day the material is purchased from Flexco. These warranties are expressly in lieu of any other warranties expressed or implied, including, but not limited to any implied warranty of merchantability, exact matching of color, shade, or mottling, or warranties for fitness for a particular purpose. By retaining Flexco's merchandise for more than five (5) days after receipt of such merchandise, Buyer agrees that it accepts the terms of this Limited Warranty and that there are no warranties or rights beyond those contained herein.