

## Product Overview

Manhattan is a recycled/crumb rubber flooring product that is comprised of a unique blend of post-industrial recycled rubber products. A purely Ethylene Propylene Diene Monomer (EPDM) Rubber mixture, Manhattan creates a wide variety of solid color options not

normally available in recycled rubber. Manhattan is available in a wide variety of thicknesses, from 3.2mm to 9mm, and is recommended to be installed in rolls on vertical surfaces. Manhattan can be used as a tackable wall surface for use in schools, office settings and other areas

where a decorative and sustainable wall covering product is required. Manhattan is FloorScore certified and is manufactured in the USA.

## Features

- **Manufactured From Recycled Material (Pre & Post Consumer)**
- **Tackable Surface**
- **Does Not Contain Red List Chemicals**
- **Superior Durability**
- **Excellent Sound Reduction**
- **Qualifies for LEED® Credits**
- **FloorScore® Certified**
- **CHPS & CA Section 01350 Complaint**

## Technical Data

Standard Roll Width:	<b>4'</b>
Standard Roll Length:	<b>25' - 80' (depending on thickness)</b>
Thicknesses:	<b>3.2mm, 4mm, 6mm, 8mm, 9mm</b>
Weight / Sq. Ft.:	<b>1 - 2.85 lbs. (depending on thickness)</b>
Finish:	<b>Textured</b>
ASTM F137 - Flexibility:	<b>Passes</b>
ASTM F2199 - Dimensional Stability:	<b>Passes, &lt;0.05 in. Change</b>
ASTM F1514 - Color Heat Stability:	<b>Passes, ΔE&lt;8</b>
ASTM F925 - Chemical Resistance:	<b>Passes (chart available)</b>
ASTM D2240 - Hardness:	<b>60, Shore A</b>
ASTM E84 (NFPA 286) - Flammability:	<b>Class C, 76-200 Flame Spread</b>
ASTM E662 (NFPA 258) - Smoke Density:	<b>Passes, &lt;450</b>
ASTM CAN/ULC - Fire Rating:	<b>90 (FSR), 215 (SDC)</b>
ASTM E90 / E413 – Airborne Sound:	<b>STC 54*</b>
CHPS / CA Section 01350:	<b>Compliant</b>
LBC Red List 3.0 Chemicals:	<b>None</b>
Pre-Consumer Recycled Content:	<b>5% - 31.8% (depending on color)</b>
Post-Consumer Recycled Content:	<b>4.5% - 85% (depending on color)</b>
Acclimation Time:	<b>48 Hours</b>
Storage & Acclimation Conditions:	<b>65° - 85° F</b>

\* Wood/Gypsum I-Joist System  
+ Square-Edge Only

## Additional Information

### Approved Adhesives

Gold Series AA 2010 Spray Adhesive

### Approved Finishes

Hilway Direct Plus

### Custom Options

Capri Manhattan can be customized to match other blends, sizes and thicknesses by request. Minimum quantities vary

depending on format and thickness - contact a sales agent for more information.

### Sales Support

Capri products are sold through a nationwide network of sales agents. For more information, visit [capricollections.com](http://capricollections.com) or send an e-mail

to [sales@capricollections.com](mailto:sales@capricollections.com)

### Technical Support

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

## Size & Packaging

### 3.2 mm

Standard Roll Size: **4' x 25'-80'**  
 Standard Roll Area: **100-320 sq. ft.**  
 Weight / Sq. Ft.: **1 lbs.**  
 Max Rolls / Skid: **6**

### 4 mm

Roll Size: **4' x 25'-60'**  
 Roll Area: **100-240 sq. ft.**  
 Weight / Sq. Ft.: **1.3 lbs.**  
 Max Rolls / Skid: **6**

### 6 mm

Roll Size: **4' x 25'-50'**  
 Roll Area: **100-200 sq. ft.**  
 Weight / Sq. Ft.: **1.9 lbs.**  
 Max Rolls / Skid: **6**

### 8 mm

Roll Size: **4' x 25'-35'**  
 Roll Area: **100-140 sq. ft.**  
 Weight / Sq. Ft.: **2.7 lbs.**  
 Max Rolls / Skid: **6**

### 9 mm

Roll Size: **4' x 25'-35'**  
 Roll Area: **100-140 sq. ft.**  
 Weight / Sq. Ft.: **2.85 lbs.**  
 Max Rolls / Skid: **6**

## 1. PRE-INSTALLATION

- Consult all associated technical data for all related products and procedures, including adhesive, maintenance and warranty documents, prior to installation.
- Allow all trades to complete work prior to installation.
- Deliver all materials to the installation location in their original packaging with labels intact.
- Do not stack pallets to avoid damage.
- Remove all plastic and strapping from product after delivery and inspect for visible or obvious damage.
- Ensure that all adhesives intended for installation are approved for use with material.
- Ensure installation area and material storage conditions are between 65° F (19° C) and 85° F (30° C) for at least 48 hours before, during and after installation.
- Ensure HVAC system is operational and fully functioning at normal operating conditions.
- Protect installation area from extreme climate changes, such as heat, freezing and humidity, as well as direct sunlight for at least 72 hours before, during and after installation.
- Ensure all substrate preparation has been performed.
- Do not proceed with installation until all conditions have been met.

## 2. PRODUCT LIMITATIONS

Do not install materials directly over existing wall materials. Do not install materials in or around commercial kitchens or areas that may be exposed to animal or vegetable fats and oils or petroleum-based hydrocarbons. Do not allow product to be directly exposed to extreme heat sources, such as radiators, ovens or other high-heat equipment. Do not install outdoors or in areas that may be exposed to repeated and sustained UV light, as product may fade or discolor. Material may be susceptible to staining from rubber bumpers, as well as harsh disinfectants, cleaning agents, dyes or other harsh chemicals – ensure all chemicals and materials that may come in contact with material 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, residual adhesives and adhesive removers, solvents, wax, oil, grease, asphalt, gypsum compounds, visible alkaline salts or excessive efflorescence, mold, mildew and all 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.

All cracks, voids, divots, grout lines and

imperfections must be filled with a patch or filler suitable for the substrate. Newly installed drywall must be primed and dry prior to installation. Substrates that have been previously painted or sealed must be lightly abraded to promote adhesion.

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. Abrade the surfaces of the substrate to promote adhesion. Resinous substrates are non-porous – follow all installation instructions, trowel sizes and flash times for non-porous substrates.

Metal substrates must be thoroughly sanded/ground and cleaned of all 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 material 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.

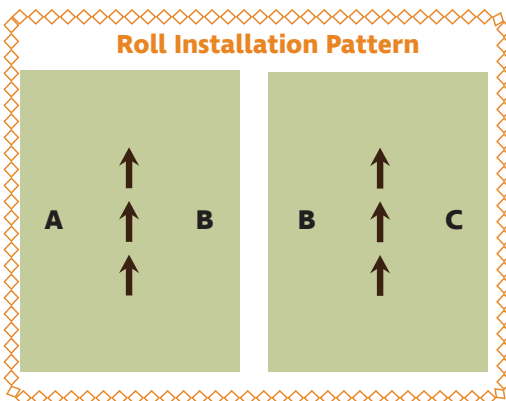
## 4. ROLL PREPARATION

Ensure rolls have been unrolled and flipped over in an acclimated environment for at least 24 hours prior to trimming rolls, in order to prevent shrinkage, roll memory and curling. Be sure to flip rolls back over prior to trimming. Inspect each

roll of material prior to trimming to verify that there are no visible defects, damages or excessive shading variations. Some flooring products, colors and textures have latent and acceptable color and shade variations. If there are concerns regarding shade or color variation, do not install material and consult a sales representative and manufacturer's technical staff. **Material installed with obvious visual defects will not be covered under warranty.**

Ensure substrate is clean, dry and sound prior to installation. Square the room using the 3-4-5 squaring rule or similar method to establish and mark initial installation starting line. Measure and determine room layout and seam location prior to cutting material.

The outer-packaging of each roll is labeled in sequence alphabetically on each side. As such, material should be cut and installed in sequence (see below). For example, roll A-B should be installed adjacent to B-C, ensuring that the B edges are butted together whenever possible. Ensure seams have a consistent visual appearance at edges so that color variations blend as seamlessly as possible. When cutting multiple sections from a single roll, this will require flipping sections to ensure that like sides are butted together. **Failure to follow correct roll sequencing could cause excessive shade variation or gapping at seams.**



Manhattan rolls are designed to be directly butted together without trimming side seams when sequenced correctly. Head seams must be staggered by 6' – 10' (depending on room size and roll length) and must be cut prior to

installing material with adhesive. When cutting head seams or when tighter side seams are desired, the material may be overlapped and double cut or trace cut to provide a more seamless appearance.

### Overlap & Double or Trace Cut Method

Overlap one roll over the other by  $\frac{3}{4}$ ". Set a straight edge along the top roll, making sure it is sitting flat and flush, not at an angle. Cut through both sheets of material, ensuring that the knife blade is straight and vertical. Alternately, a seam cutter (such as a Wolff Green Cut) can be used to trace cut the top roll. Prevent stretching or moving material, as multiple cuts may be required to cut through one or both sheets. Once cut, remove cut pieces and visually inspect the seam for tightness. Seam should be tight, but not over-compressed.

Once cut, overlap seams by  $\sim 1/16$ " and allow material to acclimate for 24 hours to ensure tight seams during final installation. Ensure flooring seams do not directly overlap seams in substrate.

Ensure material around perimeter is  $1/8$ " from wall or less, depending on depth of wall base or trim. Cut borders and other specialty pieces to fit snugly against or around walls, thresholds, transition strips, fixtures and other protrusions or accessories. Avoid forcing material tightly against vertical surfaces, as material may buckle. Allow trimmed material to relax and acclimate for 24 hours prior to installation.

## 5. ROLL INSTALLATION

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 material and that proper trowel type and size is used, as manufacturer is not responsible for any and all adhesion issues related to improper adhesive selection or usage. If using adhesive to install trim or accessories prior to installing Re-Tire, test adhesion in an inconspicuous area to ensure that adhesive will hold trim. Ensure all seams are cut and laid out per Section 4.

Decorative trim pieces that will be

mechanically fastened or adhered to the wall along the top and side starting edges should be installed prior to installing adhesive and Re-Tire. Do not install trim on ending side and bottom edges to allow for final adjustments. When installing trim with adhesive, ensure adhesive has fully cured prior to installed Re-Tire adhesive and material to avoid adhesive contamination.

Once all seams have been cut and material has acclimated, apply Gold Series AA 2010 Spray Adhesive directly to substrate or directly to the flooring material per the adhesive instructions. Protect flooring and wall surfaces from over-spray.

Allow adhesive to flash until it is dry to the touch (10 - 20 Minutes) per adhesive instructions. Material should be installed into fresh adhesive within 4 hours. Pay close attention to flash times and working times to avoid adhesion issues.

Vertical installations of Re-Tire should start from top to bottom, regardless of which direction the rolls will be installed. Install Re-Tire into pre-installed trim pieces (if applicable) or along pre-determined starting line, ensuring that Re-Tire material is properly aligned along all edges. Adjust material as necessary within the adhesive working time and prior to rolling.

Immediately after installation, roll material with a three section extendible wall roller or equivalent, crossing in a diagonal direction after initial roll. Re-roll material 60 minutes after initial roll. Clean excessive adhesive or adhesive residue from the surface of the material according to adhesive instructions.

If material is sagging or curling, adhesive working times may have been exceeded or the spread rate may not be sufficient. Review adhesive instructions prior to proceeding with installation.

Material that has been cut towards the inside end of the roll may be prone to edge-lifting and curling on head seams and butted seams – if this is evident after installation, use weight or finishing nails to hold material in place.

## 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. Using an unused or thoroughly cleaned spray bottle, mix the finish with warm, clean potable water at a ratio of 1:20 (cleaner:water). Spray cleaning solution onto the surface of the material and stand for 5 minutes. Use a 3M White Utility/Scouring pad or a soft-bristled scrub brush and a scrubbing pad/brush holder to scrub the surface of the material to remove dust, dirt and contaminants from the surface. Use a second, unused or thoroughly cleaned spray bottle with clean, cool potable water to rinse area. Wipe with a clean towel or rag to remove all excess liquid. Ensure material is clean and that all cleaning residue has been removed (this may require additional rinsing). Allow area to dry completely before applying finish or using tacks.

## 7. COLORRITE CAULK INSTALLATION

In some cases, ColorRite acrylic caulk may be used to fill minor gaps between seams or caulk around perimeters and fixtures. Ensure that initial maintenance has been performed and that a finish has not been applied prior to using the ColorRite caulk. Use a residue-free releasable tape (such as 3M multi-surface "blue" tape) to cover both sides of the seam or the perimeter of the wall material and the adjacent surface / fixture to prevent over-spread. Once tape is applied, use a suitable caulk gun to apply ColorRite into the gap or void. Use a plastic putty knife to back-trowel the gap or void, ensuring caulk line is smooth and flush with the blue tape. The caulk line should be slightly higher than the flooring material.

Immediately after application, remove blue tape and any excess caulk from the flooring material. Caulk will take 30-60 minutes to dry - avoid foot traffic until fully cured. If applying a finish, ensure finish is also applied to ColorRite caulk

prior to final use, especially when applied in gaps in the field of the installation - **allow caulk to cure overnight prior to applying finish.**

## 8. INITIAL FINISH APPLICATION

If material is installed below chair rail height or if finish is desired, the Hilway Direct Plus must be applied. Ensure that initial maintenance has been conducted prior to applying floor finish. Material must be free of dust, dirt, debris, adhesive or cleaning residues and all potential contaminants. **Do not** dilute finish or apply to surfaces below 50° F.

Shake Hilway Direct Plus container vigorously prior to application and pour into a unused or clean paint tray to ease installation. Use a clean sponge, paint trim pad or edger pad attachment to apply Hilway Direct Plus in a thin, even film per the installation instructions in 2-3 coats. Avoid over-application that could result in dripping. Allow each coat to dry completely before applying additional coats.

To prolong the life of the Hilway Direct Plus finish, the finish should receive routine maintenance. Please see section 5 for more information.

**For additional information regarding the finish and finish application, please see the Hilway Direct Plus Technical Data Sheet.**

## 9. 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.

## 10. WARRANTY

Capri provides a limited 10 year material and labor warranty for all Manhattan products. For additional information, see associated warranty documents.

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