

# **Recycled Rubber** Double Layer Installation

**Technical Bulletin** 

## Background

Whether it's related to achieving a specific height, project value engineering or correcting an installation issue, there are some instances where Capri recycled rubber products, such as AND/ OR, Fitness & Rec, Manhattan or Re-Tire, may be installed in a double layer or double glue-down installation. While the

Additional Information

Approved Adhesive Gold Series MW 3010 MS Adhesive general installation guidelines for each product and/or layer do not change, there are several precautions to consider when installing recycled rubber in this manner. Below are some guidelines for installing recycled rubber products using a double layer method.

Approved Cleaners Hilway Direct Neutral Cleaner

#### **Approved Finish Removers**

Hilway Direct AllSafe Stripper

## **Installation Guidelines**

#### **INSTALLATION LIMITATIONS**

Double layer installations may only be installed in indoor areas and with the Gold Series MW 3010 adhesive. When double layering, the first layer must be the same thickness or thicker than the second layer - **do not install thicker materials over thinner materials.** The first layer must be a Fitness & Rec roll material or a like material (i.e. AND/OR may go over AND/ OR rolls or Fitness & Rec rolls, but may not go over Re-Tire or Manhattan materials).

#### FIRST LAYER INSTALLATION

Prior to installing the first layer, confirm the second layer installation pattern and direction per design specifications or work order. **The second layer must be installed perpendicular to the first layer.** The first layer must be installed per the associated product technical data sheet using the MW 3010 adhesives. Ensure all product limitations, substrate preparation, acclimation and installation instructions are followed. Allow adhesive to cure for at least 12 hours prior to proceeding with the installation of the second layer.

#### FIRST LAYER SURFACE PREPARATION

If a finish has been applied to the first layer, the finish must be completely removed according to the associated care & maintenance instructions. **Do not install adhesive directly** over existing finish.

Ensure all edges are flat and flush to avoid telegraphing and installation issues. If edges have become raised, use the Wakol MS 245 Caulk Adhesive to inject adhesive beneath the flooring and weigh down seam for 1 hour to re-adhere.

Using a two bucket system (one bucket with cleaning solution and another bucket with clean, potable water for rinsing), mix 0.5-1 ounce or 20 mL (1:200) of Hilway Direct Neutral Cleaner per gallon of clean, potable water. Use a clean mop to damp mop the first layer to remove surface dirt, dust and debris.

#### SECOND LAYER INSTALLATION

Ensure first layer has been cleaned and is free of dust, dirt and debris prior to installation. Ensure all seams are cut and laid out per the product technical data. The second layer must be installed perpendicular to the first layer and seams in the second layer must not overlap with the first layer. Inspect seam transitions to ensure that color is consistent and seam is hardly visible.

Once all seams have been cut and material has relaxed and acclimated, carefully fold back half of material and apply adhesive using an appropriate trowel for the thickness of the material at a 60° angle. Allow adhesive to flash for 20 minutes to avoid excessive shifting during installation and protect area from dust, debris and contamination.

Once adhesive has been applied and flashed, carefully roll material back into adhesive to avoid trapping air between the adhesive bed and the material - install material within 35 - 40 minutes. If adhesive is oozing out of seams or material is shifting excessively, adhesive may be too wet for installation. Review flash times and allow adhesive to flash longer prior to installing material into adhesive and remove adhesive from material immediately.

Follow all standard installation instructions for the flooring product in use and the MW 3010 adhesive. Due to the latent flexibility of the first layer, roll memory at head or side seams may be more difficult to counteract. **Weigh down any visible roll memory while adhesive is curing to ensure full contact and adhesion.** This may involve using adhesive buckets, sand bags or bricks. Allow adhesive to cure for at least 24 hours prior to allowing foot traffic.

# For additional information, please consult the associated technical data sheets and care & maintenance documents. For additional assistance, please contact Capri technical services: 1.800.492.2613 - support@capricollections.com