



# FlashCove with Envire Rubber Sheet Prefabricated Base

## INSTALLATION GUIDE

This document is intended for professional use to provide minimum requirements for substrate preparation, adhesive application, and special installation requirements for a successful installation of these products, each unique application may require additional or further steps to ensure complete satisfaction. We rely on the expertise and professionals that are installing the products to adjust based on site conditions. Refer to product website to confirm that you have the most current revision of this document as the requirements contained within are essential to maintaining the full system warranty for the product installed. Documentation available at time of installation will be referenced regarding warranty.

### RECOMMENDED ADHESIVES

The adhesives below are the recommended adhesives for the installation of this product.

Adhesive	Installation Method	Recommended Trowel
<b>Excelsior WB-600 Premium Wall Base Adhesive</b>	Double Butter (100% Coverage on Both FlashCove and Wall / Floor Surface)	1/8" V Notch Spreader from Pail Disposable Spreader Nozzle or 3 Hole Nozzle with a 1/8" V Notch Spreader from Cartridge
<i>Installing FlashCove with Envire Rubber Sheet with Flooring Installation Tape will result in telegraphing of the metal through the face of the sheet flooring.</i>		

### STORAGE & HANDLING, INSTALLATION & SERVICE ENVIRONMENT, & ACCLIMATION

- All products must be stored in an indoor, climate-controlled (60° - 85° F) space and protected from the elements.
- All products must be stored on a dry, flat, level surface. Carefully stacked aligned neatly and not on edge. Do not stack pallets and protect products from damage.

The reported technical data information for these products is based on a formulation that is designed, manufactured, and evaluated to perform at constant temperatures, not fluctuating more than 10° from normal selected service temperatures from the allowable 60° F (15° C) - 85° F (26° C) range. These products are designed for service on substrate temperatures ranging from 60° F (15° C) - 85° F (26° C) unless otherwise noted in the specific installation section. These products are designed for service within ambient relative humidity between 40% and 60%.

Acclimation of the material is achieved when the following conditions are met within the installation area.

- **Service environment** is defined as the environment in which the materials will be utilized.
- **Service temperature** is defined as the normal setting of the HVAC in the environment in which the material is installed, i.e., typically 70° - 72° F in most commercial applications.
- **Temperature** must be maintained between 60° F (15° C) - 85° (26° C), preferably at the **desired service temperature**.
- **Relative Humidity** must be maintained between 35% - 65%, understand that Relative Humidity does not affect the installation of the material, but it can affect the functionality of the adhesives. Outside of the ranges, the stated information regarding open times, flash times, & dry times will vary.
- Facility must be fully enclosed, sealed and weather tight.
- Building HVAC must be up and running in permanent operation prior to installation (if temporary systems or systems other than the permanent HVAC systems are utilized it must be capable of maintaining the same conditions as the permanent HVAC and/or service conditions).
- Maintain all products and adhesives in installation area at the **desired service temperatures** for a period of 48 hours prior to installation, during the installation and for the service life of the installation.
- It is recommended to utilize a cloud-based or similar **data logging system** during installation to provide temperature & humidity data in the event of a warranty issue.

While we do our best to provide quality products and workmanship in our manufacturing facilities, quality installation is the responsibility of the installer. Inspect all material for proper type, color, and matching lot numbers if appropriate. We ask that we are notified of any inaccuracies or defects prior to installation as **we do not pay labor for or material costs on installed materials with visual defects**.

**Users are advised to confirm suitability of these products by their own tests and ensure that all adhesives intended for installation meet the requirements of the end user.**



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**By covering a substrate, underlayment, or existing surface, you have indicated acceptance of substrate and installation environment.**

If there are concerns regarding this information or the service temperature, substrate temperature or installation environment will not meet these requirements, please contact Technical Services for recommendations prior to installation at [solutions@rhctechnical.com](mailto:solutions@rhctechnical.com), we will be happy to discuss and provide direction or confirmation of the project at that time.

### **SUBSTRATE PREPARATION**

All substrates must be clean, smooth, permanently dry, flat, and structurally sound.

At the time of installation substrates must be free of visible water or moisture, dust, paint, sweeping compounds, post placement curing compound residues, residual adhesives, chemical adhesive removers, concrete hardeners or densifiers residues, solvents, wax, oil, grease, asphalt, visible alkaline salts or excessive efflorescence, mold, mildew and any other extraneous coating, film, material, or foreign matter. If not, consideration should be taken regarding the effects of these conditions and how they can affect the installation.

**Floors and walls must be prepared to meet ASTM F710, Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring; surfaces shall be level to within 3/16" (3.9 mm) in 10 lineal feet.**

**Walls must be square to floor level.**

- Substrate must be a structurally sound interior wall surface, such as dry plaster, cured drywall, fiber-reinforced plastic (FRP) panels, hygienic wall cladding, fiberglass, exterior grade plywood (Group 1, CC type), concrete, metal, and/or masonry.
- Fiber-reinforced plastic (FRP) panels, hygienic wall cladding, fiberglass, metal, and/or painted masonry surfaces should be treated as non-absorptive or non-porous.
- Any cracks, voids, divots, grout lines and imperfections should be filled with a patch or filler suitable for the substrate.
- **Gaps** at the bottom of a wall shall not exceed 1/2" when installing a base with a toe and not exceed 1/4" with toeless base, although it is preferred to have substrate backing all the way to floor with toeless base.
- When installing directly over a resinous product, such as epoxy paint, ensure that coating is dry to the touch and has cured for the prescribed length of time.
- Metal substrates must be thoroughly sanded/ground and cleaned of any residue, oil, rust and/or oxidation. 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.
- It is also recommended when installing on **very smooth or glossy substrates such as smooth FRP or metal**, to abrade the substrate to improve the bond of the adhesive.
- Do not install over **expansion joints, isolation joints**, or other **moving joints** in the substrate. These joints must be honored and not filled with products that are not intended for that purpose.
- **Construction joints, saw cut joints, voids**, and/or **cracks** that are not moving may be covered. These should be prepared appropriately to ensure they do not telegraph through the flooring. Should the slab move and cause the preparation to move, the flooring will telegraph the preparation product. Any resulting visual changes or damage to the flooring resulting from this movement is not covered by the product warranty.

Regarding substrate preparation when mechanical sanding, grinding, shot blasting, and vacuuming always follow the Resilient Floor Covering Institute's (RFCI) "Recommended Work Practice for Removal of Existing Floor Covering and Adhesives," and all applicable local, state, federal and OSHA requirements regarding Asbestos and Silica containment regulations.

### **NON-APPROVED SUBSTRATES**

Existing Wall Base products or Concrete substrates that have been abated or prepared with chemical adhesive removers, solvents, or chemical cleaners.

Existing Wallpaper or other coverings that are not permanently secured to the structure. Wallpaper and vinyl wall coverings are not suitable for bonding and need to be removed prior to the installation of the wall base. It is acceptable to leave 1/8" – 1/4" behind the top of the base to ensure a clean edge.

### **ADHESIVE BOND TEST**

An **adhesive bond test** must be performed using actual wall base and adhesive materials being installed to determine adequacy. Test areas should be a minimum of 36" and remain in place for at least 72 hours prior to evaluation for bond strength to the substrate. This will help to ensure application of the adhesive and the bond achieved is adequate for the project to continue.



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With FlashCove Prefabricated Base the corners will be created on site. We do recommend a miter saw, with a 60-tooth blade at a minimum.

Square corners are preferred and if installing on rounded or radiused corners, it will be more difficult to complete the installation. Rounded corners are more difficult to create with FlashCove and they are more difficult to keep bonded in an environment that may be abusive. **When installing on a rounded substrate corner, it is recommended to create two angles roughly 1" apart to soften the radius. Create these angles by cutting @ 22.5°.**

- Dry fit FlashCove straight pieces by cutting the ends square and checking for proper butting seams.
- Dry fit FlashCove corners utilizing a carpenter's bevel or similar tool to determine the angle for the inside and outside corners.
- Dry fit Chiklet cove cap prior to FlashCove installation, as the Chiklet is installed into the wet adhesive if not being mechanically fastened.
  - If not using Chiklet cove cap, install the cove cap at the appropriate position after dry fitting the FlashCove.
  - If mechanically fastening the Chiklet cove cap, do this after marking the line for the top of the FlashCove.
- While FlashCove is positioned against the wall, mark the top of the base on the wall and end of the toe on the floor to establish a glue line.
- Apply wall base adhesive in full spread (100% coverage on the FlashCove and Wall / Floor surfaces within the established glue line.
- After appropriate working time for the adhesive, place the FlashCove to the substrate straight and level.
  - If using the Chiklet cove cap, place the cove cap behind the base, ensure proper transfer of the adhesive.
- Using a hand roller, or other suitable means, roll the FlashCove material to ensure appropriate displacement and contact of the adhesive.
- Remove all excess adhesives.

After adhesive are set enough to prevent movement, you are ready to install the field material and scribe to the FlashCove prefabricated base and treat all seams and field materials per manufacturers recommendations.

### POST INSTALLATION PROTECTION

We recommend that the installation of FlashCove be performed after all other trades have completed their work. If this is not possible, properly protecting the new wall base is essential to prevent damage. So, the following should be considered immediately following the installation process.

- Protect newly installed wall base with construction grade undyed kraft paper or protective boards, such as Ram Board, ThermoPLY, 1/8" Masonite panels, or other materials to prevent damage by other trades.

### SUPPORT & ADDITIONAL RESOURCES

<b>Product Support Phone &amp; Email</b>	(800) 537 – 9527 / <a href="mailto:sales@roppe.com">sales@roppe.com</a>
<b>Technical Support Phone &amp; Email</b>	(844) 393 – 4044 / <a href="mailto:solutions@rhctechnical.com">solutions@rhctechnical.com</a>
<b>Product Technical Documentation</b>	<a href="http://www.roppe.com">www.roppe.com</a>
<b>Associated or Related Documentation</b>	<a href="#">Excelsior WB-600 Wall Base Adhesive</a> <a href="#">Referenced Standards within Technical Documents Technical Bulletin</a>

The contents contained within this Installation Sheet may be utilized or copied into another projected related document, but this original document will remain in effect at the time of product installation, this TDS shall not be supplemented or replaced by the resulting project documentation. **Any alterations to the wording or requirements contained in or derived from this document shall void all related warranties.**

Prior to acceptance of this document refer to the product website to confirm that you have the most current revision.

**These products are intended for installation by professionals, prior to use the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability.**