



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 the 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..... 1
STORAGE, HANDLING, INSTALLATION, SERVICE, & ACCLIMATION ENVIRONMENT..... 1
SUBSTRATE PREPARATION..... 2
NON-APPROVED SUBSTRATES..... 2
ADHESIVE BOND TEST..... 2
INSTALLATION..... 2
CORNER GUARD PAINTING PROCEDURES..... 3
POST INSTALLATION CORNER GUARD PROTECTION..... 3
SUPPORT & ADDITIONAL RESOURCES..... 3

RECOMMENDED ADHESIVES

The adhesives below are the recommended adhesives for installing this product. The first one listed is the primary installation method recommended for applications when the conditions are met as listed. Select the appropriate application method based on the conditions of the substrate. Refer to the adhesive technical data sheet for additional information and when to utilize a different adhesive.

Table with 4 columns: Adhesive, Substrate, Installation Method, Recommended Trowel. Rows include WB-600 (Absorptive, Wet-Set) and C-631 (Non-Absorptive, Dry-Set).

STORAGE, HANDLING, INSTALLATION, SERVICE, & ACCLIMATION ENVIRONMENT

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 range.

These products are designed for service within environments 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%.

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.

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.

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

- The facility or service environment 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 the 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.
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.

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.**

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. 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, 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 and C-631 Contact Adhesive should be utilized for successful installation.
- Any cracks, voids, divots, grout lines and imperfections should be filled with a patch or filler suitable for the substrate.
- 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. These installations are recommended only with the C-631 Contact Adhesive.
- 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. These installations are recommended only with the C-631 Contact Adhesive.

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.

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.

### **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.

### **INSTALLATION**

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

With the installation of Corner Guards,

- Apply adhesive to the back of the corner guard or wall surface **within 1/4" of all edges** of the corner guard to prevent the adhesive from oozing.
- Install corner guard to substrate within 10 minutes of adhesive application without stretching or over-compression during installation. Stretching material or over-compressing seams and corners may cause the wall base to shrink and/or curl/delaminate, respectively.
- Periodically lift material to ensure proper adhesive coverage. Adhesive **should cover 90%** of material when rolled into place.
- Using a suitable hand roller, carefully **roll material** with a hand roller to ensure contact with adhesive within 30 minutes of installation.
- To prevent movement and help hold material in place until adhesive is cured the use of a **multi-purpose releasable painters' tape** is recommended.

### CORNER GUARD PAINTING PROCEDURES

Corner Guards may be painted, if desired. Once corner guards have been cleaned and free of all residues which may interfere with bonding, the corner guard 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 corner guard to confirm adhesion, compatibility, and performance.

Once the primer has properly dried, the corner guard 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 painted surfaces, before cleaning.

In lieu of painting, we do offer custom or matched colors at low quantities to provide excellent coordination within projects.

### POST INSTALLATION CORNER GUARD PROTECTION

We recommend that the installation of corner guards be performed after all other trades have completed their work. If this is impossible, 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) 633 – 3151 / <a href="mailto:info@flexcofloors.com">info@flexcofloors.com</a>
<b>Technical Support Phone &amp; Email</b>	(844) 393 – 4044 / <a href="mailto:solutions@rhctechical.com">solutions@rhctechical.com</a>
<b>Product Technical Documentation</b>	<a href="http://www.flexcofloors.com">www.flexcofloors.com</a>
<b>Associated or Related Documentation</b>	<a href="#">Excelsior WB-600 Wall Base Adhesive</a> <a href="#">Excelsior C-631 Contact Adhesive</a> <a href="#">Referenced Standards within Technical Documents Technical Bulletin</a> <a href="#">Accessories Care &amp; Maintenance</a>

The contents contained within this Installation Sheet may be utilized or copied into another projected related document. While 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. Before accepting 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. The user alone assumes all risks and liability.