

PRODUCT DESCRIPTION

C-630 is a VOC free, water-based contact adhesive used for the permanent installation of vinyl and rubber resilient flooring, stair treads, wall base, flash coving and accessories in horizontal or vertical installations. C-630 is highly aggressive and has a high resistance to moisture and plasticizers.

C-630 relies on a chemical bond between adhesive layers applied to both the material and the substrate. The resulting bond is extremely tenacious, offering superior initial grab and shear strength. C-630 is suitable for heavy traffic or rolling loads,

which may cause other acrylic adhesives to displace, creating an unsightly appearance. C-630 has an extremely long open time and may even be applied to materials up to 24 hours prior to installation.

When using adhesive, flooring installations are immediately usable, even for heavy foot traffic or rolling loads, providing improved installation times. Adhesive can also immediately be heat welded, improving installation completion times even further.

FEATURES

- **Zero VOC**
- **Water-Based**
- **Roll-On Installation**
- **Superior Shear Strength**
- **Vertical or Horizontal Applications**
- **Immediately Usable**
- **Contributes to LEED Credits**
- **Compatible With Most Materials & Substrates**
- **Can Be Directly Installed Over MM-100**

TECHNICAL INFORMATION

Unit Size: **1 Quart**
 Weight: **1 Pound**
 VOC: **0.0 g/l**
 LEED v2009 IEQ Credit 4.1: **Complies**
 ASTM F2170 RH Limit: **85% RH**
 ASTM F1869 MVER Limit: **6 lbs.**
 ASTM F710 pH Limit: **7-10**
 Coverage Rate: **20 - 40 sq. ft. per unit**
120 - 140 lin. ft. per unit
 Flash Time: **30 - 60 mins (dry to touch)**
 Substrate Working Time: **2 Hours**
 Pre-coated Working Time: **90 Minutes**
 Site-Applied Working Time: **90 Mins - 24 Hours**
 Light Foot Traffic: **Immediate**
 Heavy Rolling Loads: **Immediate**
 Heat Welding: **Immediate**
 Maintenance: **> 72 hours**
 Shelf Life: **1 Year**
 Storage Temperature: **50° - 75° F**

PRODUCT LIMITATIONS

All referenced times are subject to substrate porosity and flatness, as well as ambient conditions, such as air temperature, relative humidity and substrate temperature – actual times may vary based on these conditions. Do not use in outdoor installations. Do not install over existing hardwood flooring, rubber flooring, LVT, sheet goods, asphaltic materials or existing adhesives or adhesive residue.



1. PRE-INSTALLATION CHECKLIST

- Consult all associated product literature concerning installation and warranty prior to installation.
- Allow all trades to complete work prior to installation.
- Deliver all materials to the installation location in its original packaging with labels intact.
- Inspect all materials to ensure there is no leakage or damage.
- Do not stack pallets to avoid damage.
- Ensure installation area and material storage temperatures are between 65° F (19° C) and 85° F (30° C) and 40% - 65% RH for at least 48 hours before, during and after installation.
- Ensure HVAC system is operational and fully functioning at normal operating conditions 48 hours prior to, during and 48 hours after installation.
- Protect installation area from extreme temperature changes, such as heat and freezing, as well as direct sunlight for at least 48 hours before, during and after installation.
- Ensure concrete moisture testing is conducted or scheduled to be conducted prior to flooring installation.
- Ensure all vents, walls, moldings and/or doorways are protected with tape or plastic prior to installation.
- Test substrate for porosity in order to determine the installation method necessary.
- Do not proceed with installation until all conditions have been met.

2. SUBSTRATE PREPARATION

All substrates must be prepared according to ASTM F710, as well as applicable ACI and RFI guidelines. Substrates must be clean, smooth, permanently dry, flat, and structurally sound. Substrates must be free of visible water or moisture, dust, sealers, paint, sweeping compounds, curing compounds, residual adhesives and

adhesive removers, concrete hardeners or densifiers, solvents, wax, oil, grease, asphalt, visible alkaline salts or excessive efflorescence, mold, mildew and any other extraneous coating, film, material or foreign matter. All substrates must be vacuumed with a flat vacuum attachment or damp mopped with clean, potable water to remove all surface dust. Sweeping without vacuuming or damp mopping will not be acceptable.

It is recommended that all substrates have a floor flatness of FF32 and/or a flatness tolerance of 1/8" in 6' or 3/16" in 10'.

All substrates must be prepared in accordance with the adjacent adhesive and/or flooring and stair tread system instructions. All concrete must be prepared in accordance with ASTM F 710 and must be tested for moisture per the adjacent adhesive and/or flooring and stair tread system instructions.

3. PRODUCT INSTALLATION

Ensure substrate is suitably prepared prior to installation, as manufacturer is not responsible for substrates that have not been properly prepared and tested for moisture. Ensure adhesive is approved for use with flooring material and the proper roller size is used, as manufacturer is not responsible for any and all adhesion issues related to improper adhesive selection or usage.

Using a clean, damp mop or sponge, clean all substrates, especially concrete, prior to installation to remove dust, dirt and debris. Allow area to dry prior to application. Any dust or contamination on the surface of a substrate could disrupt the bond of the contact adhesive.

Use denatured alcohol to clean the backside of stair treads, risers and stair accessory materials. Failure to do so could result in bond failure. All stair treads must receive Nose Filler prior to installation. All flash coving must have a cove fillet installed prior to installation. Failure to do so could result in premature wear and damage to materials.

To ease installation, pour adhesive into a clean paint tray or equivalent. Using a 1/4"-3/8", short-nap micro-fiber roller or equivalent, apply adhesive directly to material and substrate thoroughly and evenly at prescribed spread rate. Materials may be coated up to 24 hours prior to installation. Do not allow adhesive to pool or puddle on material or substrate. Replace rollers at regular intervals and between applications to prevent accumulating dry adhesive.

Allow adhesive to flash on both material and substrate prior to installation - adhesive should turn clear and not transfer to fingertips. Install material by pressing coated material firmly into coated substrate. Once full contact is made, material will be extremely difficult to reposition. As such, ensure material is placed properly prior to making full contact.

Pay close attention to open times to avoid adhesion issues. Pre-coated materials must be installed within 90 minutes of coating substrate. Standard installations must be installed within 2 hours. If open times are exceeded, the adhesive can be reactivated with a hot-air blower or blow dryer.

Immediately after installation ensure the material and substrate make full contact by using a soft rubber mallet or a hand roller. Visually inspect installation to ensure that material has not shifted and that adhesive residue has not been compressed onto surface of material.

4. CLEAN-UP

Wet adhesive can be cleaned with a clean towel or cloth and a solution of Excelsior NC-900 and clean, potable water. Tools and materials where adhesive has dried can be cleaned with denatured alcohol or equivalent solvent adhesive cleaner.

5. WARRANTY

Manufacturer provides a 1 year material & labor warranty for all installations where adhesive is properly installed. See Excelsior adhesive warranty for more information.

FOR PROFESSIONAL USE ONLY. PLEASE CONSULT ALL ASSOCIATED TECHNICAL DATA SHEETS, SAFETY DATA SHEETS AND WARRANTY INFORMATION PRIOR TO INSTALLATION.