

TECHNICAL DATA

ASTM E84 - Surface Burning:	Class A
ASTM E648 (NFPA 253) - Critical Radiant Flux:	Class I, > 0.45 W/cm²
ASTM E662 (NFPA 258) - Smoke Density:	Passes, <450
Acclimation Time:	48 Hours
Storage & Acclimation Temperature:	65° - 85° F

SUSTAINABILITY

FloorScore® Certified, Qualifies for **LEED v2009 IEQ Credit 4.1 credit**, Recyclable through the **FLEXCO Impact Program**

Technical Support: solutions@rhctechical.com

APPROVED ADHESIVES - STAIR NOSINGS & LANDING TRIM

Excelsior EN-610 Epoxy Nose Filler - A two-component, solvent free epoxy caulk adhesive designed for use as nose filler and adhesive with indoor installations of stair treads and stair nosing as well as an adhesive for accessories.

APPROVED ADHESIVES – ALL OTHER ACCESSORIES

Excelsior EN-610 Epoxy Nose Filler - A two-component, solvent free epoxy caulk adhesive designed for use as nose filler and adhesive with indoor installations of stair treads and stair nosing as well as an adhesive for accessories.

Excelsior C-630 Water Based Contact Adhesive - A 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 over porous and non-porous substrates in indoor applications.

Hard Setting Adhesives are Acceptable

SUBSTRATE, INSTALLATION & MAINTENANCE INFORMATION

1. PRODUCT LIMITATIONS

- Prior to acceptance of this document refer to www.flexcofloors.com to confirm the most current revision.
- Do not install accessory materials over existing wall base, accessories, rubber, vinyl or linoleum flash-cove, cork, or asphaltic materials.
- Do not install accessories in outdoor areas and in or around commercial kitchens.
- Do not install in areas that may be subjected to sharp, pointed objects.
- Do not allow product to be directly exposed to direct sunlight or extreme heat sources, such as radiators, ovens or other high-heat equipment.
- Long term, extended or excessive exposure to Sunlight & UV Heat can cause discoloration or other undesirable effects, so use caution and/or window treatments in these areas.
- Dragging or sliding objects across the accessories may cause damage to the accessories.
- Do not bend accessories, if they are bent from shipping lie them flat to acclimate.
- Accessories may be susceptible to staining from harsh disinfectants, cleaning agents, dyes or other harsh chemicals – ensure all chemicals and materials that may come in contact with the accessories will not stain, mar or otherwise damage the material prior to use.

2. PRE-INSTALLATION

- Consult all associated product literature concerning adhesive installation, maintenance and warranty prior to installation of flooring.
- Allow all trades to complete work prior to installation.
- Deliver all materials to the installation location in its original packaging with labels intact.
- Do not stack pallets to avoid damage.
- Remove any plastic and strapping from packaging after delivery.
- Inspect all material for proper type, color and matching lot numbers if appropriate.
- Ensure that all adhesives intended for installation are approved for use with accessory material.
- Turn off radiant-heated flooring systems 48 hours prior to installation. 48 hours after installation, gradually increase the temperature over the course of 24 hours to a maximum temperature of 85°F (29.5° C).
- Do not proceed with installation until all conditions have been met.

3. STORAGE, ACCLIMATION & SERVICE ENVIRONMENT

- Ensure material is adequately stored at temperatures between 65° F (19° C) and 85° F (30° C) prior to installation.
- This product is designed, manufactured and tested to perform at constant temperatures, not fluctuating more than 4° from normal selected service temperatures from the allowable 65° F (19° C) - 85° F (30° C) range.
- During acclimation, the material must be in the installation area with the HVAC system functional and operating at desired service temperatures for a period of 48 hours prior to installation, during the installation and for the service life of the installation afterwards.
- It is recommended maintaining an ambient relative humidity between 40% and 60% for a period of 48 hours prior to installation, during the installation and for the service life of the installation afterwards.
- If the material will be installed outside of the above acclimation and service temperature ranges contact Technical Services for more detailed installation recommendations.
- Do not proceed with installation until all conditions have been met.

4. CRACKS, JOINTS & VOIDS

All cracks, joints and voids, as well as the areas surrounding them, must be clean and free of dust, dirt, debris and contaminants and be repaired with a suitable cementitious patch. Due to the dynamic nature of some vertical joints, manufacturer **cannot** warranty installations over expansion joints, cracks or other voids

such as control cuts saw joints and moving cracks. Do not install accessories or use adhesives directly over any expansion joints. All expansion joints should have a suitable expansion joint covering system installed to allow expansion joint to freely move.

5. SUBSTRATE PREPARATION

In regards to 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 in regards to Asbestos and Silica containment regulations.

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. Vertical substrates 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. Any cracks, voids, divots, grout lines and imperfections must be filled with a cementitious patch (such as the Excelsior CP-300) or filler suitable for the substrate.

When installing directly over a resinous products, such as 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.

Metal substrates must be thoroughly sanded/ground and cleaned of any 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 accessories 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.

6. STAIR NOSING & LANDING TRIM INSTALLATION

Prior to installation, confirm stair nosing placement and the placement of adjoining materials per design specifications. Inspect all stair nosings prior to installation to verify that there are no visible defects, damages or excessive shading variations.

Some 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 sales representative and manufacturer's technical staff. Prior to trimming stair nosings, any Stringer or equivalent must be installed first. Stair nosings which have an undercut, underlap or flange must be installed prior to the installation of any adjoining flooring material or riser material. Fit stair nosing to step and mark material for trimming. Carefully trim material along marked line using a razor utility knife or a miter saw with a 60 teeth or greater carbide tip blade. Confirm that stair nosing fits tightly on step, ensuring material is not over-compressed. Prior to installation, clean the underside of the stair nosing with a clean rag or towel and denatured alcohol or equivalent solvent adhesive remover. In areas which may be exposed to excessive moisture or heavy foot traffic, lightly sand the back of the stair nosing to improve adhesion.

Apply a 1/4" - 1/2" bead of the EN-610 to the interior nose of the stair nosing. All stair nosings must have the EN-610 installed in the stair nose.

Failure to do so may result in premature wear and damage which could compromise egress safety. Apply EN-610 to both surfaces of the stair nosing and spread using a 1/8" saw-tooth spreader. Be sure to achieve 90% adhesive coverage on both surfaces of the nosing. Install nosing onto step and roll material with a hand roller or equivalent. Visually inspect installation to ensure that material has not shifted and that adhesive has not been squeezed out of joints or compressed onto surface. When installing nosings with VI strips, be sure to cut strips back 1/16" from each end to allow for expansion. Avoid walking, kneeling or working on material until adhesive has cured for light foot traffic.

To prevent movement and help hold material in place until adhesive is cured the use of a multi-purpose masking tape is recommended. Take caution to not stretch material during installation. Pay close attention to open times to avoid adhesion issues. This may require installing material in smaller sections.

7. COVE CAPS and CORNER GUARDS INSTALLATION

Inspect all accessories prior to installation to verify that there are no visible defects, damages or excessive shading variations. Some 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 sales representative and manufacturer's technical staff.

Accessories which have an undercut, underlap or flange must be installed prior to the installation of any adjoining flooring material or wall base.

When necessary, carefully trim material using a razor utility knife or a miter saw with a 60 tooth or greater carbide tip blade.

Apply adhesive to the back of the accessory per adhesive instructions and install accessory to substrate, ensuring that accessory material is not stretched or over-compressed during installation. Stretching material may cause the accessory to shrink back to its original length causing end seam gapping.

Periodically lift material to ensure proper adhesive transfer - adhesive should cover 90% of accessory. Using a suitable hand roller, carefully roll the material in the direction of the last piece, being cautious not to stretch the accessory. This should be done within 30 minutes of installation.

Accessory installations can be enhanced by using matching Colored Caulk to fill any voids or imperfections. Allow adhesive to cure for the required period of time and do not disturb until curing time is complete

8. FLOORING ACCESSORIES, ADAPTERS, TRANSITIONS, REDUCERS, EDGE GUARDS and THRESHOLDS INSTALLATION

Inspect all accessories prior to installation to verify that there are no visible defects, damages or excessive shading variations. Some 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 sales representative and manufacturer's technical staff.

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.

When using the approved adhesive, be sure to clean dusty and/or cementitious substrates with a damp mop or sponge prior to installation to remove dust, dirt and debris. Prior to installation, clean the underside of the accessory with a clean rag or towel and denatured alcohol or equivalent solvent adhesive remover.

Ensure adhesive is approved for use with accessory 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.

When installing in conjunction with adjacent flooring materials and adhesive, be sure adhesive is a hard-setting adhesive (not a pressure sensitive) and observe adhesive open times to avoid adhesion issues.

Accessories which have an undercut, underlap or flange must be installed prior to the installation of any adjoining flooring material. When necessary, carefully trim material using a razor utility knife or a miter saw with a 60 teeth or greater carbide tip blade.

When installing with a radius, ensure material can be formed to accommodate radius prior to installation and use the C-630 Contact Adhesive to ensure that accessory will stay in place. Some accessories may be heated to achieve some radiuses. If heating an accessory to form a radius, confirm material can accommodate radius prior to permanently installing. If heating is required it is extremely important not to stretch material, especially when material is in a softer state.

When installing accessory, cut accessory to desired length. If installed against a permanent fixture, such as a doorway, slight compression is recommended. When installing multiple lengths of accessories end to end, it is important not to stretch material, and again slight compression at the seams is recommended. Stretching material may cause the accessory to shrink back to its original length causing end seam gapping.

Apply adhesive directly to the back of the accessory according to the adhesive instruction. When using the EN-610 apply the adhesive and spread using a notched spreader or notched trowel. Be sure to achieve 90% adhesive coverage. Install accessory to substrate, ensuring that accessory material is not stretched or over-compressed during installation.

When installing accessory in conjunction with flooring material, cut material to desired length. Ensure that adhesive for the floor covering is a hard set adhesive compatible with the accessory material. Ensure adhesive open times are met and that foot traffic limits are observed.

Periodically lift material to ensure proper adhesive transfer - adhesive should cover 90% of accessory. Using a suitable hand roller, carefully roll material in the direction of the last piece installed with a hand roller within 30 minutes of installation.

9. SUBLEVELING SYSTEMS

Sublevelers are not considered an accessory; refer to Subleveler Flooring Systems Installation Instructions and Technical Data document.

10. INITIAL MAINTENANCE

Ensure that adhesive has cured for recommended period of time prior to conducting initial maintenance. Remove any protective coverings prior to cleaning. Use dust mop or cloth to wipe material; remove any dirt, dust or debris.

DO NOT use vacuums or electric brooms which have beater bars, hard plastic bottoms, rubber bumper or are lacking proper padding or protection, as this may cause marking, discoloration, scratching and loss of sheen.

Do not use detergents, abrasive cleaners or "mop and shine" type products, as they will dull the finish and sheen of the material.

Mix 2-4 ounces of Excelsior NC-900 Neutral Cleaner per gallon of clean, potable water. Use a clean towel or cloth to apply cleaner to material. If heavily soiled, an additional cleaning may be required. Use clean cloth to remove any and all excess cleaning solution. Rinse area with clean, cool water and allow material to dry entirely. Ensure material is clean and that all cleaning residue has been removed (this may require additional rinsing).

For further information regarding daily or routine maintenance, please consult the product care & maintenance document or the associated product 'Care and Maintenance' document.

11. FLOORING & MATERIAL PROTECTION

Protect newly installed flooring and accessories with construction grade paper or protective boards, such as Masonite or Ram Board, to prevent damage by other trades. Do not slide or drag pallets or heavy equipment across the new accessories. Limit usage and foot traffic according to the adhesive's requirements. When moving appliances or heavy furniture, protect flooring and accessories from scuffing or tearing using temporary floor protection.

All furniture casters must be made of a soft material and must have a contact point of at least 1" in width to limit indentation and flooring or accessory damage. All rolling chairs or seating must have a resilient flooring chair pad installed over the finished floor to protect floor covering. All fixed furniture legs must have permanent felt or soft rubber floor protectors installed on all contact points to reduce indentation. Floor protectors must have a flat contact point of at least 1" in width and must cover the entire bottom surface of the furniture leg.

Ensure all furniture castors and chair legs and are clean and free of any and all dirt and debris. Routinely clean chair castors and furniture legs to ensure that dirt or debris has not built up or become embedded in castors or floor protectors. Replace chair castors and floor protectors at regular intervals, especially if they become damaged or heavily soiled.

Place walk-off mats at outside entrances. Ensure mats are manufactured with non-staining backs to prevent discoloration.

12. WARRANTY

Flexco provides a 1 year limited warranty for all Accessories. For additional information, see associated warranty documents.

FOR PROFESSIONAL USE ONLY

PLEASE CONSULT ALL ASSOCIATED INSTALLATION INSTRUCTIONS and TECHNICAL DATA, SAFETY DATA SHEETS, MAINTENANCE DOCUMENTS, AND WARRANTY INFORMATION PRIOR TO INSTALLATION.