



C-630 Contact Adhesive

TECHNICAL DATA

Excelsior C-630 Water Based Contact Adhesive is a highly aggressive 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; it is a low odor, non-flammable and solvent-free product

Product Type	Water Based Contact Adhesive for porous (absorptive) and non-porous (non-absorptive) surfaces
Characteristics	White Paste
Packaging	1 Quart Unit
Sustainability Information	Contributes to LEED v4/4.1 ≤0.0 grams/liter VOC Content (SCAQMD RULE 1168) Meets SCAQMD Rule 1168 Requirements
Moisture Control Properties	Not a moisture inhibitor or mitigation product
ASTM F2170 - RH Limit	85%, <i>in situ</i>
ASTM F1869 - MVER Limit	6 lbs. / 1000 sq. ft. / 24 hours
ASTM F710 - pH Limit	≥ 7 - ≤ 10
ASTM D7149 - Freeze Thaw Stability	Up to 5 Cycles, Down to 0° F
ASTM D1337 - Shelf Life	2 Years from Manufacturing Date ²
Reading the Date Code	21021234 Focus on the 2102 which is Year (21) and Month (02), ignore the balance as it is for batching information for manufacturer Located on a white sticker on top of the pail <i>Shelf Life depends on proper storage within service & storage temperatures in unopened container</i>
ASTM D6004 - Adhesive Sheer Resistance	Excellent
ASTM D6862 - 90° Peel Resistance	Excellent
ASTM D7888 - Plasticizer Resistance	Excellent
California Prop 65	To the best of our knowledge, this product does not contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm
Application Method	Brush and/or Roller Applied
Coverages	20 - 40 sq. ft. per Unit 120 - 140 ln. ft. per Unit
Flash Time	30 - 60 Minutes Dry to Touch
Working Time	360 Minutes, When Uncovered Protect from Dust & Debris

Flash time and working time will vary with conditions; higher temps with higher humidity will be shorter than lower temps with lower humidity

Access Times During & After Installation

Heat Welding	Immediate
Light Foot Traffic	Immediate
Heavy Foot Traffic	Immediate
Rolling Loads	Immediate
Maintenance	72 Hours

Service & Storage Temperature 65° - 85° F

The following information is provided as general guidance, always refer to the current installation information on the product website for the resilient flooring being installed for complete information

Approved Flooring Products

- Envire Rubber Sheet (Heat Welded Applications Only)
- Envire Rubber Tile
- Raised Disc Rubber Tile (Trowel Application Only)
- LVT/LVP
- Underlayments

Approved Substrates & Surfaces

- Concrete above, on, or below grade
- APA rated plywood underlayment
- Properly prepared Portland cement based patches & underlayments
- Properly prepared Gypsum cement based underlayments
- Radiant heated sub-floors

Site Requirements

During acclimation, the site must be fully enclosed, weather tight, and 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 to maintain 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.

Substrate Requirements

All substrates must be prepared according to the following information or ASTM F710 or ASTM F1482 at a minimum, as well as applicable ACI and RFCI guidelines.

Concrete substrates, whether on-grade and/or below grade must have an intact and effective moisture vapor barrier which meets the current requirements of ASTM E1745

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

Substrates must be free of visible water or moisture,



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Substrate Requirements...	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.
Adhesive Clean-Up	Uncured Adhesive can be removed with solution of 70% isopropyl alcohol and a clean cloth Cured adhesive will be difficult to remove from wall and flooring surfaces, ensure removal prior to curing
Product & Substrate Restrictions	Not designed for use with products manufactured with polyolefin, polyethylene, or polypropylene Not designed for use on substrates that have been exposed to adhesive removers, solvents, or chemical cleaners
Disposal	Dispose in accordance with local, state and federal regulations. Do not allow product to get into drains, watercourses or landfill. Hardened product residues are considered construction waste. Empty packaging is recyclable.
Warranty	1 Year Manufacturer's Warranty Bond Warranty determined by Warranty of product being installed, see warranty document for details
Technical Support	solutions@rhctechical.com
Product Support	solutions@rhctechical.com
Technical Documentation	www.excelsiorproducts.net