



C-631 Contact Adhesive

TECHNICAL DATA

Excelsior C-631 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	Beige Paste
Packaging	1 Quart Unit
Sustainability Information	<p>Made in the U.S.A.</p> <p>Meets Buy America Act (49 CFR Part 661)</p> <p>Meets Buy American Act (41 USC §§ 8301-8303)</p> <p>Contributes to LEED v4/4.1</p> <p>≤0.1 grams/liter VOC Content (SCAQMD RULE 1168)</p> <p>Meets SCAQMD Rule 1168 Requirements</p> <p>FloorScore Certified</p> <p>Meets CA 01350 Requirements</p> <p>HPD Available</p> <p>Red List Chemical Free</p> <p>Contains No Recycled Content</p> <p>Manufacturers Product certified Cradle to Cradle Gold</p>
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
Reading the Date Code	<p>B210201515293</p> <p>Ignore the B, focus on the 210201 which is Year (21) Month (02) and Day (01), ignore the balance as it is for batching information for manufacturer</p> <p>Located on the lower left corner of the label under the UPC code</p>
<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



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California Prop 65

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Application Method

Brush and/or Roller Applied

Coverages

20 - 40 sq. ft. per Unit
120 - 140 In. 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; properly prepared for moisture sensitive resilient flooring in place a minimum of 45 days
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	<p>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.</p> <p>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</p> <p>Substrates must be clean, smooth, permanently dry, flat, and structurally sound.</p> <p>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.</p>
Substrate Requirements...	
Adhesive Clean-Up	<p>Uncured Adhesive can be removed with solution of 70% isopropyl alcohol and a clean cloth</p> <p>Cured adhesive will be difficult to remove from wall and flooring surfaces, ensure removal prior to curing</p>
Product & Substrate Restrictions	<p>Not designed for use with products manufactured with polyolefin, polyethylene, or polypropylene</p> <p>Not designed for use on substrates that have been exposed to adhesive removers, solvents, or chemical cleaners</p>
Disposal	<p>Dispose in accordance with local, state and federal regulations.</p> <p>Do not allow product to get into drains, watercourses or landfill.</p> <p>Hardened product residues are considered construction waste.</p> <p>Empty packaging is recyclable.</p>
Warranty	<p>1 Year Manufacturer's Warranty</p> <p>Bond Warranty determined by Warranty of product being installed, see warranty document for details</p>
Technical Support	solutions@rhctechnical.com
Product Support	solutions@rhctechnical.com
Technical Documentation	www.excelsiorproducts.net