



# ASD-800 ESD Acrylic

ADHESIVE TECHNICAL DATA

**Excelsior ASD-800 ESD Adhesive** is an acrylic wet-set conductive adhesive specifically designed for the permanent installation of ESD rubber and vinyl flooring products over porous substrates in indoor applications; it is a low odor, non-flammable, solvent-free product and ready to use product

<b>Product Type</b>	Wet-Set Conductive Acrylic ESD Adhesive for <b>POROUS (ABSORPTIVE)</b> surfaces
<b>Characteristics</b>	Gray Paste
<b>Packaging</b>	1 Gallon Unit 2 Gallon Unit
<b>Moisture Control Properties</b>	Not a moisture inhibitor or mitigation product
<b>ASTM F2170 - RH Limit</b>	90%, <i>in situ</i>
<b>ASTM F1869 - MVER Limit</b>	6 lbs. / 1000 sq. ft. / 24 hours
<b>ASTM F710 - pH Limit</b>	≥ 7 - ≤ 10
<b>SCAQMD Rule 1168</b>	≤ 1.0 grams/liter VOC Content
<b>ASTM D6004 - Adhesive Shear Resistance</b>	Excellent
<b>ASTM D6862 - 90° Peel Resistance</b>	Excellent
<b>ASTM D7888 - Plasticizer Resistance</b>	Excellent
<b>ASTM D7149 - Freeze Thaw Stability</b>	Up to 5 Cycles, Down to 0° F
<b>ASTM F1337 - Shelf Life</b>	2 Years from Manufacturing Date

**Reading the Date Code** B210201515293

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  
Located on the lower left corner of the label under the UPC code

<b>Service &amp; Storage Temperature</b>	60° - 85° F
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*Shelf Life depends on proper storage within service & storage temperatures in unopened container*

*See installation document for full installation details regarding approved substrates, job site conditions and acclimation procedures.*

<b>Application Method</b>	Trowel Applied
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**Resilient Flooring Trowel Sizes & Coverage**

**(Absorptive) Porous Substrates** 1/16" x 1/16" x 1/16" V Notch, 160 sq. ft. per Gallon

<b>Flash / Open Time</b>	5 - 10 Minutes
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<b>Working Time</b>	Adhesive Covered & Flooring Rolled within 60 Minutes
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<b>Access Times During &amp; After Installation</b>	Heat Welding ≥ 24 Hours Light Foot Traffic ≥ 24 Hours Heavy Foot Traffic and Rolling Loads ≥ 48 Hours Maintenance ≥ 72 Hours
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*Trowel Notch Dimensions are Depth x Width x Space*

*Coverage Rates are approximate and subject to level of porosity as well as ambient conditions, angle of the trowel, actual results may vary*

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

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## Attributes & Certifications

Made in the U.S.A.  
 FloorScore Certification  
 Meets CA 01350 Requirements  
 Contributes to LEED v4/4.1  
 Meets SCAQMD Rule 1168 Requirements  
 HPD Available  
 Contains No Recycled Content

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## California Prop 65 Labeling

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

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*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

ESD Vinyl & Rubber Tiles  
 ESD Vinyl & Rubber Sheet Goods

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## 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

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## 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.

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## Substrate Requirements

All substrates must be prepared according to the information contained within the product installation instructions.

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, dust, sealers, paint, sweeping compounds, curing compounds, residual adhesives, 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.

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## 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.



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<b>Product &amp; Substrate Restrictions</b>	<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>
<b>Disposal</b>	<p>Disposal in accordance with local, state and federal regulations.</p> <p>Do not allow product to get into drains, watercourses, or landfills.</p> <p>Hardened product residues are considered construction waste.</p> <p>Empty packaging is recyclable.</p>
<b>Product Warranty</b>	<p>1 Year Manufacturers Warranty</p> <p><i>See product warranty for full details regarding bond warranty, limitations, and warranty coverage.</i></p>
<b>Technical Support</b>	<p><a href="mailto:solutions@rhctechnical.com">solutions@rhctechnical.com</a></p>
<b>Product Support</b>	<p><a href="mailto:solutions@rhctechnical.com">solutions@rhctechnical.com</a></p>
<b>Technical Documentation</b>	<p><a href="http://www.excelsiorproducts.net">www.excelsiorproducts.net</a></p>