

**Excelsior SP-500 Spray Adhesive** is an acrylic aerosol pressure sensitive adhesive used for the installation of LVT, LVP and approved Rubber flooring products over porous and non-porous substrates in indoor applications; it is a low odor, non-flammable, solvent-free and ready to use product

<b>Product Type</b>	Acrylic Aerosol Pressure Sensitive Adhesive for porous (absorptive) and non-porous (non-absorptive) surfaces
<b>Characteristics</b>	White Aerosol
<b>Packaging</b>	22 oz. Cans, 6 per carton
<b>Moisture Control Properties</b>	Not a moisture inhibitor or mitigation product
<b>ASTM F2170 - RH Limit</b>	95%, <i>in situ</i>
<b>ASTM F1869 - MVER Limit</b>	8 lbs. / 1000 sq. ft. / 24 hours
<b>ASTM F710 - pH Limit</b>	≤ 11
<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>	Do Not Allow to Freeze
<b>ASTM F1337 - Shelf Life</b>	2 Years from Manufacturing Date

**Reading the Date Code** 020121

Month (02) Day (01) Year (21)

Located on the bottom of the can and front of the box

**Service & Storage Temperature** 60° - 85° F

*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.*

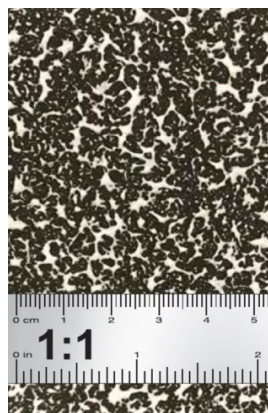
**Application Method** Spray Applied

**Resilient Flooring Coverage**

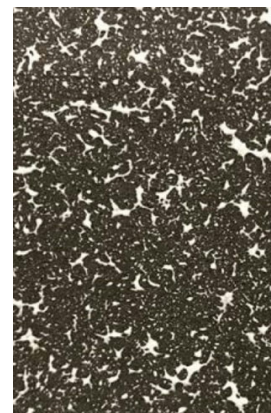
**Rubber Tile:** 100 Square Feet per Can

**LVT & LVP Vinyl Tile:** 150 Square Feet per Can

Proper Coverage is determined by marking an area of the square footage and emptying the contents of the unit evenly within that area



100 Square Feet



150 Square Feet



# SP-500 Spray

## ADHESIVE TECHNICAL DATA

<b>Flash / Open Time</b>	10 - 20 Minutes, Dry to Light Touch, No Transfer to Finger
<b>Working Time</b>	Adhesive Covered and Flooring Rolled within 2 Hours
<b>Access Times During &amp; After Installation</b>	Heat Welding Immediately Light Foot Traffic Immediately Heavy Foot Traffic and Rolling Loads $\geq$ 48 Hours Maintenance $\geq$ 72 Hours
<i>Flash time and working time will vary with conditions; higher temps with higher humidity will be shorter than lower temps with lower humidity</i>	
<b>Attributes &amp; Certifications</b>	Made in the U.S.A.  Meets Buy America Act (49 CFR Part 661, 49 U.S.C. 5323) Meets Buy American Act (7 CFR Part 1787, 41 U.S.C 8301-8305) Meets Federal Acquisition Regulation (FAR 52.225-9) Contributes to LEED v4/4.1 $\leq$ 0.0 grams/liter VOC Content (SCAQMD Rule 1168) Meets SCAQMD Rule 1168 Requirements FloorScore Certification Meets CA 01350 Requirements Red List Chemical Free Contains No Recycled Content
<b>California Prop 65 Labeling</b>	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
<i>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</i>	
<b>Approved Flooring Products</b>	Rubber Tiles & Sheet  LVT/LVP  Underlayments
<b>Approved Substrates &amp; Surfaces</b>	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 Properly prepared VCT, VAT, Quartz Tile, Solid Vinyl Tile, Vinyl Sheet Goods Properly prepared Ceramic Tiles Properly prepared Stone & Terrazzo Tiles Properly prepared Steel & Aluminum Epoxy Mitigation & Sealers (100% solid and fully cured)



# SP-500 Spray

## ADHESIVE TECHNICAL DATA

Stained concrete that is sound, smooth and free of waxes, cleaners and any other bond inhibiting substances

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. 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

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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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### 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.

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### Disposal

Disposal in accordance with local, state and federal regulations.

Do not allow product to get into drains, watercourses, or landfills.

Hardened product residues are considered construction waste.

Empty packaging is recyclable.

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### Product Warranty

1 Year Manufacturers Warranty

*See product warranty for full details regarding bond warranty, limitations, and warranty coverage.*

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### Technical Support

[solutions@rhctechnical.com](mailto:solutions@rhctechnical.com)

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### Product Support

[solutions@rhctechnical.com](mailto:solutions@rhctechnical.com)

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### Technical Documentation

[www.excelsiorproducts.net](http://www.excelsiorproducts.net)