

FICHE TECHNIQUE / SPECIFICATION SHEET

SEALGUARD™

PAVER SEALER / SCELLANT DE PAVÉ

10%
30%

DESCRIPTION	SCI-300-SAS is an acrylic liquid formulated to be applied as a sealer on paving stone and on new or old concrete. As a sealer, it improves water tightness against water, dust, etc. SCI-300-SAS creates a clear film which is resistant to U.V rays and does not turn yellow.
APPLICATIONS	<ul style="list-style-type: none"> - Paving stone - Sidewalks - Bridges - Garages and parking lots - Exposed aggregates - Walls - Concrete - Silica bricks and stones
ADVANTAGES	<ul style="list-style-type: none"> - Sealer: improves penetration of oil, water, dust, etc. - Cures, seals and hardens the surface in the same process - Creates a continuous clear film resistant to yellowing - May be applied on horizontal or vertical surfaces - Reduce penetration of chloride ions (salts used to melt ice); Protects the framework - Helps resist against freezing/unfreezing cycles and against salt penetration - Sealer on paving stone, stamped concrete, etc - May be applied as a sealer on old concrete

TECHNICAL DATA	<ul style="list-style-type: none"> • Appearance: milky white emulsion • Recommended Thickness: 4-6 mm • Mileage per gallon (4-6 mm thickness): 250-300 ft² • Pot life (454 g): 40-50 minutes • Shelf life: 12 months in original unopened factory sealed containers. Keep away from extreme cold, heat, or moisture. SACT is a flammable material and must be stores adequately. Keep out of direct sunlight and away from fire hazards.
PROPERTIES @ 23°C (73°F) AND 50% R.H.	<ul style="list-style-type: none"> • Density (kg/L): 0.80 • Viscosity (cps): 110-140 cps • Cleaner/Thinner: XYLENE • Pedestrian Traffic: 6-8 hours • Normal Traffic: 12-24 hours • Heavy Equipment Traffic: >24 hours • Traction Resistance (psi) ASTM D638: 6500-7600 • Elongation %, ASTM D638: 4-6 • Bond Strength (psi), ASTM D4541: >300 (substrate ruptures) • Hardness (Shore D), ASTM D2240: 75-85 • Abrasion Resistance (CS17/1000 cycles/1000 g) AST D4060: 0.05 • Water absorption (%). ASTM D570: 0.2
SOLIDS BY WEIGHT %	<ul style="list-style-type: none"> • 10% = Mat finish • 30% = Semi-Gloss

* Please note, that the indicated mileage is calculated for flat surfaces. A porous or imperfect surface will require more material in order to cover the same surface area

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SURFACE PREPERATION	<p>Old Concrete Concrete surface must be cleaned and mechanically prepared using shot-blasting, sand blasting, and/or diamond grinding. All oils, sealers, curing agents, waxes and fats must be removed prior to product application. Do not apply onto wet substrates. Chloride, moisture, and pH levels should be checked prior to application.</p> <p>New Concrete New concrete should be allowed to cure for a minimum of 30 days. Compression resistance of concrete must be at least 25 MP (3625 lbs./inch²) after 28 days and traction resistance must be at least 1,5 MPa (218 lbs./inch). Shotblasting, sand blasting, and/or diamond grinding is required to remove the surface laitance that appears during the concrete finishing and curing process.</p> <p>Paving Stone SCI-300-SAS must be applied 90 days after pavement is installed. Latent product must be cleaned with a soft acid not to discolour pavement.</p> <p>Surrounding Conditions Concrete and room temperatures be above 0 °C (32 °F).</p>
APPLICATION PROCESS	<p>Apply mixed product on the prepared surface with a roller to obtain a uniform coating</p>
CLEANING	<p>Clean all tools and materials with XYLENE. Wash hands and skin carefully with warm soapy water. Once dried, product can only be removed by mechanical means.</p>
RESTRICTIONS	<ul style="list-style-type: none"> - Minimum/Maximum temperature of substrate: 15°C / 30 °C (59 °F/ 86 °F). - Maximum relative humidity during application and curing: 85 %. - Humidity content of substrate must be < 4 % when coating is applied. - Do not apply on porous surfaces where a transfer of humidity may occur during application. - Avoid exterior use on substrates at ground level. - Protect from humidity, condensation and contact with water during the 24 hour initial curing period. - Surface may discolour in areas exposed to regular ultraviolet light.
HEALTH AND SAFETY	<p>In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult a physician. For respiratory problems, transport affected person outdoors to fresh air. Remove contaminated clothes and clean before reuse.</p> <p>Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact. Avoid breathing vapours release from this product. Wear safety glasses and chemical resistant gloves. A breathing apparatus filtering organic vapours approved by the NIOSH/MSHA is recommended. Predict suitable ventilation</p>
IMPORTANT NOTICE	<p>All statements, recommendations and technical information contained in this document are accurate to the best knowledge of SCI COATINGS Inc. The data relates only to the specific material designated herein. may not be valid if used in combination with any other materials. It is the users' responsibility to verify suitability of this information for their own particular use, and to test this product before use. SCI COATINGS Inc. assumes no legal responsibility for use upon these data. SCI COATINGS Inc. assumes no legal responsibility for any direct, indirect, consequential, economic, or any other damage except to replace the product or refund the purchase price as set out in the purchase agreement.</p>