

Revised on April 2012

SC 1100 CONCRETE PRIMER

PRODUCT PROFILE:

SC1100 is a 100% solids low viscosity primer designed for sealing concrete. Its slow cure rate makes it ideal for warm weather applications. SC1100 is a 100% solids, low viscosity epoxy primer designed for deep penetration and sealing of concrete surfaces. SC1100 helps eliminate outgassing and bubbles. SC1100 can be applied to green concrete as young as seven days.

PRODUCT FEATURES and BENEFITS:

- 100% Solids, No VOCs
- Low viscosity, deep penetrating sealant
- Eliminates outgassing caused by traditional primers

PHYSICAL PROPERTIES

Color	Light Amber
Container Size	1 or 2 gallons
Coverage per gallon (Theoretical)	300-500 sq. ft. depending on porosity of concrete
Elongation @ 3 mils	15%
Flash Point	greater than 250°F (121°C)
Pull-Off Adhesion Test ASTM D 4541	Minimum adhesion is 2750 psi
Recommended Thickness	3-5 mils (uses 2 coats on concrete with high porosity)
Specific Gravity	Resin: 1.08 — Hardener: 0.94
Volatile Organic Compounds (VOC)	0 grams/liter
Weight per gallon	9.41 lbs

POT LIFE

50°F (10°C)	not recommended below 55°F 28 hours
75°F (24°C)	4 hours 10 minutes
92°F (33°C)	1 hour 30 minutes

Note: Do not keep the blended coating in the original container unless immediate use is planned. Otherwise, exothermic heat created during the curing process will considerably

shorten the pot life. Pour the coating into a rolling tray or large aluminum-basting pan. Try to keep the depth of the coating in the tray below 3/8”.

PUMP SPECIFICATIONS

Pump Ratio	25:1 or greater
Minimum Output	2500 psi
Product Hose: Min. – Optimum I.D.	0.375-0.5 inch
Max. Length	100 feet

CURE TIME (at 70°F or 21°C)

Re-coat Window	5-12 hours
Touch Free	12-15 hours*
Full Cure	7 days

*Fast Cure and Winter Formulas available

SAFETY

Mixes and applications of this product present a number of hazards. Read and follow the hazard information, precautions and first aid directions on the individual product labels and material safety data sheets before using. While all statements, technical information, and recommendations contained herein are based on information our company believes to be reliable, nothing contained herein shall constitute any warranty, express or implied, with respect to the products and/or services described herein and any such warranties are expressly disclaimed. We recommend that the prospective purchaser or user independently determine the suitability of our product(s) for their intended use. No statement, information or recommendation with respect to our products, whether contained herein or otherwise communicated, shall be legally binding upon us unless expressly set forth in a written agreement between us and the purchaser/user.

Please contact ErgonArmor for further information at 877.982.7667 or FAX 601-933-3381. For all Terms and Conditions of Sale see ergonarmor.com.

ORDERING INFORMATION

For additional information, prices, or to place an order, please contact your ErgonArmor sales representative. If you do not know the name of your sales representative, call 877-98ARMOR.

