

# ERS 1100-PRIME GUARD

## LIQUID GRADE

Engineered Resin Solutions consistently produces products of exceptional chemistry delivering the best in corrosion protection, while being safe for our environment and totally user friendly.

Eliminates outgassing caused by traditional primers

No VOCs

100% Solids

Deep penetrating sealant

Low viscosity

Environmentally Friendly

- » **ERS-1100** is a 100% solids low viscosity primer designed for sealing concrete. It's slow cure rate makes it ideal for warm weather applications.
- » **ERS-1100** is a 100% solids, low viscosity hybrid novolac epoxy primer designed for deep penetration and sealing of concrete surfaces.
- » **ERS-1100** helps eliminate outgassing and bubbles.
- » **ERS-1100** can be applied to green concrete as young as seven days

### 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	> 250°F (121°C)
Pull-Off Adhesion Test ASTM D 4541	Blasted Steel (1 Coat) >2,500 psi, Concrete >500 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, exotherm—heat created during the curing process—will considerably shorten the pot life. If rolling or brushing 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	Minimum Output	Minimum Hose ID	Maximum Hose Length
30:1 or greater	2500 psi	0.375-0.5 inch	200 feet

### CURE TIMES

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

**LIMITATIONS** - Will lose gloss, discolor, and chalk in sunlight.

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