DATA SHEET

SSR-155 EPOXY PRIMER AND SEALER

PRODUCT DESCRIPTION : Transparent ater-based, flexible and superfluid, epoxy primer and sealer.

FUNCTION : Priming and sealing of concrete surfaces to be rehabilitated or protected before the coating is applied. Its use allows a better adhesion of the epoxy coating and minimizes its absorption by sealing the surface and reducing degassing. Used as a polymer additive with repair mortars.

COMPOSITION : Mechanical mixing of omponent A (clear epoxy resin) and component B (amber hardener), in a ratio of 1:1.

METHOD OF USE : Can be applied with a synthetic nap roller, a brush or by airless spraying. The best dosages and mixtures are obtained by using a multi-component airless spraying system or any other suitable method approved by Soleno Service.

TEMPERATURE OF USE : The temperature of the surface to be rehabilitated must be between 4.4°C and 48.9°C (40°F and 120°F).

RECOMMENDED THICKNESS : The thickness of the primer coat will depend on the porosity of the substrate to be rehabilitated. It generally varies from 3 to 8 mils. If necessary, SSR-155 epoxy primer can be applied in one or two coats, until the substrate is saturated, provided the overlap range is respected.

DRYING AND RECOATING TIME : Drying time varies depending on layer thickness and weather conditions. The epoxy primer is generally dry to the touch after 1 hour, and completely dry after 4 hours.
Minimum recoating time : As soon as the surface becomes sticky, but does not transfer to touch, from 2 to 4 hours.
Maximum recoating time : 72 hours at a substrate temperature of 22.2°C (72°F). This interval is reduced at higher temperatures.

MIXTURE SHELF LIFE : 3.78 litres (1 gallon) can be stored for 45 minutes at 22.2°C (72°F). A longer shelf life can be achieved by mixing smaller quantities or by cooling components A and B before mixing them.

STORAGE TEMPERATURE : The acceptable storage temperature range is 15.6°C to 26.7°C (60°F to 80°F).

SAFETY : Material Safety Data Sheets for components A and B are available on request.

TECHNICAL DATA TABLE

	PROPERTIES	TEST METHOD	VALUES	
			Metric	Imperial
PHYSICAL	Hardness (Shore D)	ASTM D2240	70	
	Adhesion to concrete	ASTM D7234	Substrate failure	
	Solids by volume, as supplied	Calculated	76.0% (in water)	

APPLICATIONS : Rehabilitation of manholes and catch basins
Rehabilitation of large-diameter pipes
Rehabilitation of tanks and basins
Rehabilitation of pumping stations
Surface protection