DATA SHEET

SSR-175 EPOXY PRIMER AND SEALER

PRODUCT DESCRIPTION : White epoxy primer and sealer without volatile organic compounds (VOCs).

FUNCTION : Priming and sealing of brick, concrete or masonry 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. When used on wet concrete, it minimizes the transmission of water vapour.

COMPOSITION : Mechanical mixing of component A (white epoxy resin) and component B (amber hardener), separately. Then, combination of the mixture of component A and component B in a ratio of 1.5:1.

METHOD OF USE : Can be applied with a synthetic short nap roller or by airless spraying. The best dosages and mixtures are obtained by using a multi-component airless spraying system approved by Soleno Service. Use of a paintbrush is not recommended.

TEMPERATURE OF USE : The temperature of the surface to be rehabilitated must be between 0°C and 60°C (32°F and 140°F), and at least -15°C (5°F) above the dew point. For optimal performance, it should be at 15.6°C (60°F) and a maximum relative humidity of 85%.

RECOMMENDED THICKNESS : The thickness of the primer coat will depend on the porosity of the substrate to be rehabilitated. It generally varies from 5 to 10 mils. If necessary, SSR-175 FS epoxy primer can be applied in several coats, 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 6 hours, and completely dry after 8 hours.
Minimum recoating time : As soon as the surface becomes sticky, but does not transfer to touch, from 6 to 8 hours.
Maximum recoating time : 7 days at a substrate temperature of 22.2°C (72°F). This interval is reduced at higher temperatures.

MIXTURE SHELF LIFE : 9.5 litres (2.5 gallons) can be stored for 52 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 10°C to 37.8°C (50°F to 100°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	Adhesion to concrete	ASTM D7234	Substrate failure	
	VOC	Calculated	0.0 kg/l	0.0 lb/gal
	Solid matter content	By volume	100.0%	

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