

DATA SHEET

SSR-171 FS EPOXY PRIMER

PRODUCT DESCRIPTION : Transparent epoxy primer without volatile organic compounds (VOCs).

FUNCTION : Priming 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.

COMPOSITION : Mechanical mixing of component 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 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 4.4°C and 26.7°C (40°F and 80°F).

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-171 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 4 hours, and completely dry after 7 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 : 48 hours at a substrate temperature of 12.8°C (55°F). This interval is reduced at higher temperatures.

TEMPERATURE RESISTANCE : The SSR-171 FS can be used for a substrate temperature of up to 93.3°C (200°F).

MIXTURE SHELF LIFE : 3.78 litres (1 gallon) can be stored for 40 minutes at 12.8°C (55°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	Tensile Strength	ASTM D638	33789 kPa	4900 psi
	Elongation	ASTM D638	12.0%	
	Hardness (Shore D)	ASTM D2240	74	
	Adhesion to concrete	ASTM D7234	Substrate failure	
	VOC	Calculated	0.0 kg/l	0.0 lb/gal

APPLICATIONS : Rehabilitation of manholes and catch basins
 Rehabilitation of large-diameter pipes
 Rehabilitation of tanks and basins

Rehabilitation of pumping stations
 Surface protection