

Product Data Sheet

PHOEKOTE® 8801

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14-02-13



Phoekote®8801

is a 100% solid, two-component epoxy system coating specially developed as a rehabilitation coating for pipelines and fittings.

Product use

Rehabilitation coating of pipelines, tanks, fittings, valves and other steel equipment

Characteristics

- Excellent adhesion to steel
- Excellent mechanical and chemical resistance
- Service temperature up to 85°C
- Excellent abrasion resistance

		Typical Value	Test Method / Device
TECHNICAL PROPERTIES	SOLID CONTENT	100%	
	SPECIFIC GRAVITY	1.4	
MIXED MATERIAL AT 20°C	COLOR	gray or red (other colors are also possible)	
	MIXING RATIO BY VOLUME	2.2 parts base: 1 part hardener	
	TOUCH DRY TIME	1-2 hours	
	HARD DRY TIME	4-5 hours	
	FULL CURE	7 days	



◀ corrosion protection that stays.

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PHYSICAL TESTS	IMPACT RESISTANCE	Excellent	
	HARDNESS	75± 4	shore D
	CATHODIC DISBONDMENT	<5 mm	ASTM G8, 23°C, 28 day
	ADHESION	>12 MPa	ISO 4624
	WATER ABSORPTION	<1%	at 60°C, 50 days
	SALT FOG RESISTANCE	Excellent	ASTM B117, 5000 hours
	FLEXIBILITY	3° at 25°C Pass	CSA Z245.20-06
	HOLIDAY DETECTION	No Holiday	5 volts per micron
	STORAGE STABILITY	12 months when stored below 35°C in original sealed packing	

* The performance will be affected by surface preparation and curing condition.

APPLICATION DATA

SURFACE PREPARATION	Surface must be free from contamination and blasted as defined by swedish Sa 2½
SURFACE ROUGHNESS	50-100 µm
CLEAN	clean with MEK or Acetone
RECOMMENDED FILM THICKNESS	400-700 µm
MATERIAL TEMPERATURE	must be applied at 30-60°C, which should be attained by heating base and hardener components.
PUMP RATIO	45:1 minimum
TIP SIZE	25-31
APPLICATION METHOD	Phoekote® 8801 is recommended for single coat application by hot plural feed airless spray.

