

# Product Data Sheet

## PHOEKOTE® 8921

1/2

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### Phoekote®8921

is a 100% solid, two-component epoxy system coating developed as a multi-purpose anti-corrosion coating for storage tanks, pipelines and fittings.

### Product use

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
TECNICAL PROPERTIES	SOLID CONTENT	100%	
	MIXED MATERIAL AT 20°C		
	SPECIFIC GRAVITY	1.4	
	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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2/2



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

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

### APPLICATION DATA

<b>SURFACE PREPARATION</b>	Surface must be free from contamination and blasted as defined by swedish Sa 2½
<b>SURFACE ROUGHNESS</b>	50-100 µm
<b>CLEAN</b>	clean with MEK or Acetone
<b>RECOMMENDED FILM THICKNESS</b>	400-700 µm
<b>MATERIAL TEMPERATURE</b>	must be applied at 30-60°C, which should be attained by heating base and hardener components.
<b>PUMP RATIO</b>	45:1 minimum
<b>TIP SIZE</b>	25-31
<b>APPLICATION METHOD</b>	Phoekote® 8921 is recommended for single coat application by hot plural feed airless spray.

