

Product Data Sheet PHOEKOTE® 1192PW

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14-02-13



Phoekote®1192PW

is a 100% solid, two-component epoxy system coating specially developed for internal coating of pipes, tanks and other equipment that are in contact with potable water.

Product use

Internal coating of pipe, tanks, fittings, valves and other equipment that are in contact with potable water

Characteristics

- Passes the requirements of BS 6920 and AWWA C210
- Excellent adhesion to steel
- Excellent mechanical and chemical resistance
- Service temperature up to 65°C
- Excellent abrasion resistance

		Typical Value	Test Method / Device
TECNICAL PROPERTIES	SOLID CONTENT	100%	
	MIXED MATERIAL AT 20°C		
	SPECIFIC GRAVITY	1.49	
	COLOR	blue	
	MIXING RATIO BY VOLUME	2.6 parts base: 1 part hardener	
	TOUCH DRY TIME	3 hours	
	HARD DRY TIME	5 hours	
	FULL CURE	7 days	



corrosion protection that stays.

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PHYSICAL TESTS	IMPACT RESISTANCE	Excellent	
	HARDNESS	74± 3	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	400-600 µm
MATERIAL TEMPERATURE	must be applied at 40-65°C, which should be attained by heating base and hardener components.
PUMP RATIO	45:1 minimum
TIP SIZE	25-31
APPLICATION METHOD	Phoekote® 1192 PW is recommended for single coat application by hot plural feed airless spray.

