

Product Data Sheet

PHOESAL® 1140

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09-08-16



Phoeseal®1140

is a 100% solid, two-component novolac epoxy coating system specially formulated to repair FBE coated pipes and to coat field joints.

Product use

One-site repairs of FBE coated pipes and fittings and field joint coating.

Characteristics

- Fast touch dry
- Excellent adhesion to steel and FBE coated pipe
- High temperature resistance (up to 140°C)
- High abrasion resistance
- Easy application

		Typical Value	Test Method / Device
TECNICAL SPECIFICATION	SOLID CONTENT	100%	
	BASE COMPONENT IN 20°C		
	SPECIFIC GRAVITY	1.3	
	COLOR	black and yellow	
HARDENER COMPONENT IN 20°C	SPECIFIC GRAVITY	1.6	
	COLOR	pale yellow	
MIXED MATERIAL AT 20°C	SPECIFIC GRAVITY	1.46	
	COLOR	grey and yellow (for other colors, please contact us)	
	MIXING RATION BY WEIGHT	100 parts base: 108 part hardener (Black) 100 parts base: 107 part hardener (Yellow)	



corrosion protection that stays.

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PHYSICAL TESTS	IMPACT RESISTANCE	Excellent	
	HARDNESS	76± 3	shore D
	SERVICE TEMPERATURE	-25°C to 140°C	
	HARD DRY TIME AT 25°C	2-3 hours	
	CURE TIME	7 days	
	CATHODIC * DISBONDMENT	2-5 mm 2-3 mm	ISO-21809-2 at 20°C, 1.5 VDC, 28 days at 65°C, 3.5 VDC, 24 hours
	ADHESION *	>15 MPa	ISO 4624
	WATER ABSORPTION	<1%	at 60°C, 50 days
	FLEXIBILITY	2°C at 25°C Pass	CSA Z245.20-06
	HOLIDAY DETECTION	No Holiday	5 volts per micron
	STORAGE STABILITY	24 months when stored below 23°C in original sealed packing	

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

APPLICATION DATA

CLEAN	clean with MEK or Acetone
APPLICATION METHOD	Hand Applied

