

Product Data Sheet

PHOESAL® 1116

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07-08-13



Phoeseal®1116

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

Product use

One-site repairs of FBE coated pipes and fittings

Characteristics

- Fast touch dry
- Excellent adhesion to steel and FBE coated pipe
- High temperature resistance (up to 80°C)
- High abrasion resistance
- Easy application

		Typical Value	Test Method / Device
TECHNICAL SPECIFICATION	SOLID CONTENT	100%	
	BASE COMPONENT IN 20°C		
	SPECIFIC GRAVITY	1.49	
	COLOR	blue, green and black	
HARDENER COMPONENT IN 20°C	SPECIFIC GRAVITY	1.53	
	COLOR	pale yellow	
MIXED MATERIAL AT 20°C	SPECIFIC GRAVITY	1.5	
	COLOR	blue, green and grey (for other colors, please contact us)	
	MIXING RATION BY WEIGHT	100 parts base: 48 part hardener	



corrosion protection that stays.

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PHYSICAL TESTS	IMPACT RESISTANCE	Excellent	
	HARDNESS	75± 5	shore D
	SERVICE TEMPERATURE	-25°C to 80°C	
	HARD DRY TIME AT 25°C	2-3 hours	
	FULL CURE TIME	7 days	
	CATHODIC * DISBONDMENT	3-5 mm 2-3 mm	ISO-21809-2 at 20°C, 1.5 VDC, 28 days at 65°C, 3.5 VDC, 24 hours
	ADHESION *	>12 MPa	ISO 4624
	WATER ABSORPTION	<1%	at 60°C, 50 days
	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

