

# Product Data Sheet

## PHOESAL® 2151

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17-09-18



### Phoeseal®2151

is a 100% solid, two-component epoxy coating specially formulated as a sealant in the Phoepox® Joint Insert system. This product can also be used to repair pipe internally coated with FBE. Phoeseal® 2151 passes the requirements of BS 6920 and AWWA C210 relation to contact with potable water.

### Product use

Repair of pipe and fittings internally coated with FBE and use as a mastic for the Phoepox® Joint Insert system in potable water pipelines.  
On-site protection of girth weld.

### Characteristics

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

		Typical Value	Test Method / Device
TECHNICAL SPECIFICATION	SOLID CONTENT	100%	
BASE COMPONENT IN 20°C	SPECIFIC GRAVITY	1.66	
	COLOR	blue or red	
HARDENER COMPONENT IN 20°C	SPECIFIC GRAVITY	1.7	
	COLOR	pale yellow	
MIXED MATERIAL AT 20°C	SPECIFIC GRAVITY	1.7	
	COLOR	blue or red	
	MIXING RATION BY WEIGHT	2 parts base: 1 part hardener	



corrosion protection that stays.

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<b>PHYSICAL TESTS</b>	<b>IMPACT RESISTANCE</b>	Excellent	
	<b>HARDNESS</b>	75± 5	shore D
	<b>SERVICE TEMPERATURE</b>	-25°C to 80°C	
	<b>TACK-FREE TIME AT 25°C</b>	45-60 minutes	
	<b>CATHODIC * DISBONDMENT</b>	3-5 mm	ISO-21809-2 at 20°C, 1.5 VDC, 28 days
	<b>ADHESION *</b>	>12 MPa	ISO 4624
	<b>WATER ABSORPTION</b>	<1%	at 60°C, 50 days
	<b>HOLIDAY DETECTION</b>	No Holiday	5 volts per micron
	<b>STORAGE STABILITY</b>	24 months when stored below 23°C in original sealed packing	

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

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<b>APPLICATION DATA</b>	<b>CLEAN</b>	clean with MEK
	<b>APPLICATION METHOD</b>	Hand Apply