

Asphalt Enamel

Operating Conditions

Asphalt Enamel pipeline coatings are suitable for oil, gas and water pipelines of all diameters and for operating temperatures up to 90°C. Asphalt enamel has an extensive track record of use in the oil and gas industry and is one of the coatings of choice for corrosion protection of offshore pipelines.



Application and Standards

A primer is applied to the blast cleaned surface and then the asphalt enamel, and various wraps are applied to this primed surface to build up the coating thickness.

Typical Properties

Description	Reference Standard	Typical Value*
Cathodic Disbondment @ 20±5oC, 28 days	BS4164, Appendix M	Maximum 10 mm
Adhesion (Peel adhesion) @ 30oC @ 40oC @ 50oC @ 60oC	BS 4147 Appendix H	- Maximum 3.0 mm - Maximum 3.0 mm - Maximum 3.0 mm - Maximum 3.0 mm
Impact Resistance (Impact Disbonded area) @ 0oC @ 25oC	BS 4147 Appendix G	-Maximum 6500 mm ²
Flexibility @ 0oC	BS 4147 Appendix F	Minimum 15 mm
Hardness (Penetration @ 25oC)		0.5 -1.7 mm
Minimum Pipe Diameter		6.625"
Maximum Pipe Diameter	EN 1426	60"
Minimum Pipe Length		9.0 m
Maximum Pipe Length		13.0 m
Minimum Operating Temperature		-40°C
Maximum Operating Temperature		90°C

*Typical values are quoted.