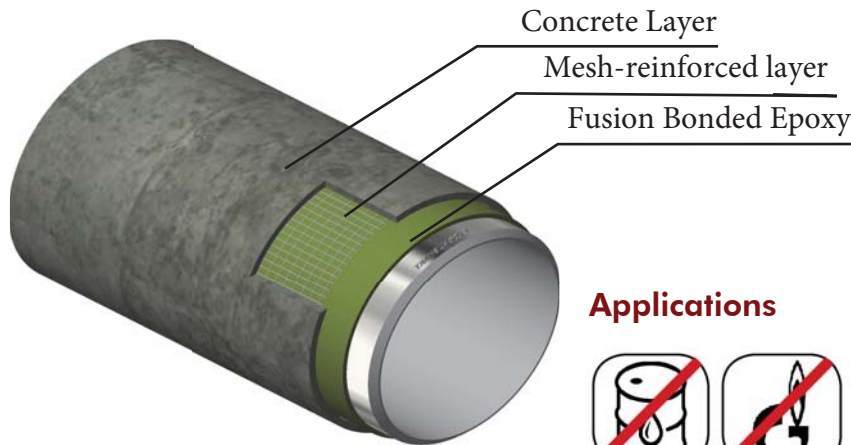


FBE-CO-RE PIPE

Fusion Bonded Epoxy concrete reinforced Layer Coating for ductile iron pipes



Product Description

The Fusion Bonded Epoxy concrete reinforced layer coating was developed to offer excellent mechanical strength, this anti-corrosion coating can withstand corrosive soil and very tough conditions.

Applications

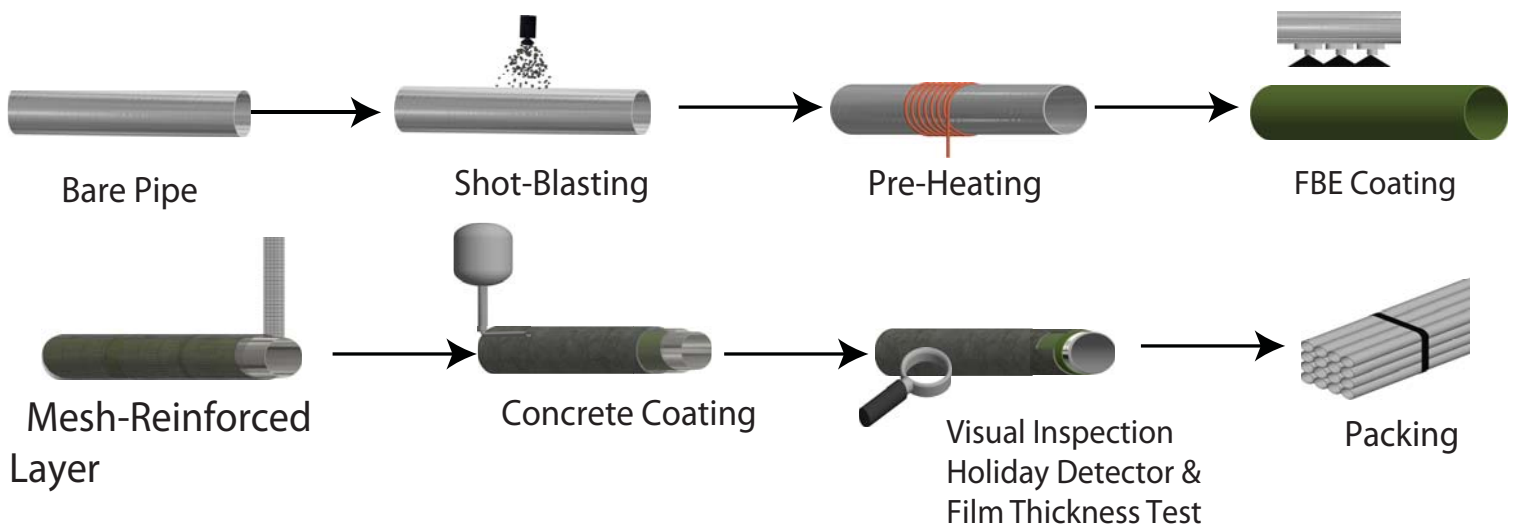


Related Standards and Specifications

- BS EN 545
- BS EN 598
- EN 15542:2008
- ISO 21809-5:2010

Additional standards may also apply after contacting an Insupipe sales agent

Process Flowchart of FBE-CO-RE Coating



Contact us

Al Mafrq Industrial City
 Muwaqqar Industrial City
 Tel:962 6 5353287 - Fax:962 6 5335395



www.gsest.com
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FBE-CO-RE PIPE



PRODUCT DATA SHEET

Thickness			
Layers	FBE layer	Reinforced layer	Concrete layer
Thickness	A minimum of 14 mils	0.1 mm to 0.3 mm	Nominal Thickness of 5mm
*Please refer back to one of our sales agent to be consulted to ensure that the correct formulation will be provided.			
Chemical Resistance			
Chemicals			Effect
Alcohols & Solvents			N
Aldehydes			N
Amines, Ethers, Esters, Ketones			N
Fats & Oils			M
(Halogenated) Hydrocarbons			N
Hydraulic Fluids			M
Chlorosulphonic Acid			S
Hydrochloric Acid			M
Sugar			N
Sea Water			M
Distilled Water			N
Sulphuric Acid			M
Acetic Acid, Hydrochloric Acid			S
Lactic Acid			M
Ammonium Chloride, Sodium Chloride			M
Ammonium Nitrate			N
Ferric Chloride			M
Ammonium Chloride			M
Sodium Hydroxide, Potassium Hydroxide			M
Oils & Fuels			M
Chlorine Gas			N
Tests			
Tests			Standards
Apperance of cement mortar coating			BS EN 15542:2008
Coating Thickness			BS EN 15542:2008
Impact Resistance			BS EN 15542:2008
Impact Strength			BS EN 15542:2008
Bond Strength			BS EN 15542:2008
Soil Resistivity			
Concrete Coating can withsatnd high salty soil (No need for selective soil)			
Maximum operating temperature			
Up to 50 °C			
Jacking			
Jacking is available for concrete Coating			
Impact Strength			
On ambient temperature (23+2)C, >15 J per mm of nominal coating thickness			
Bond Strength			
>0.5N/mm2			

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