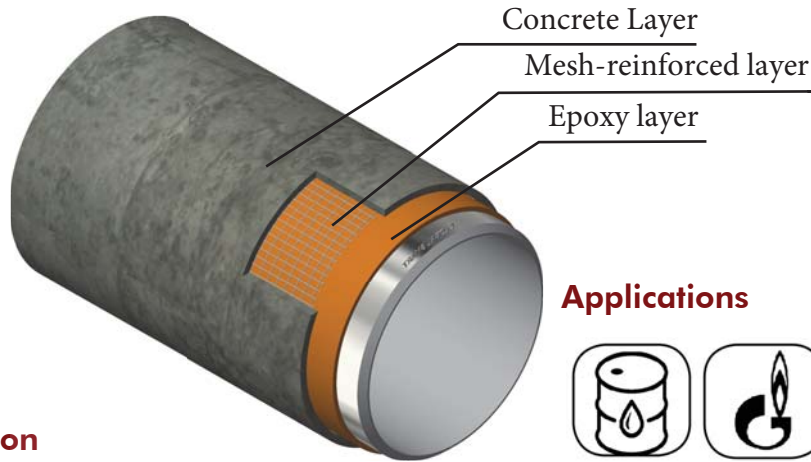


Epoxy-CO-RE PIPE

Epoxy concrete reinforced Layer Coating



Applications



Related Standards and Specifications

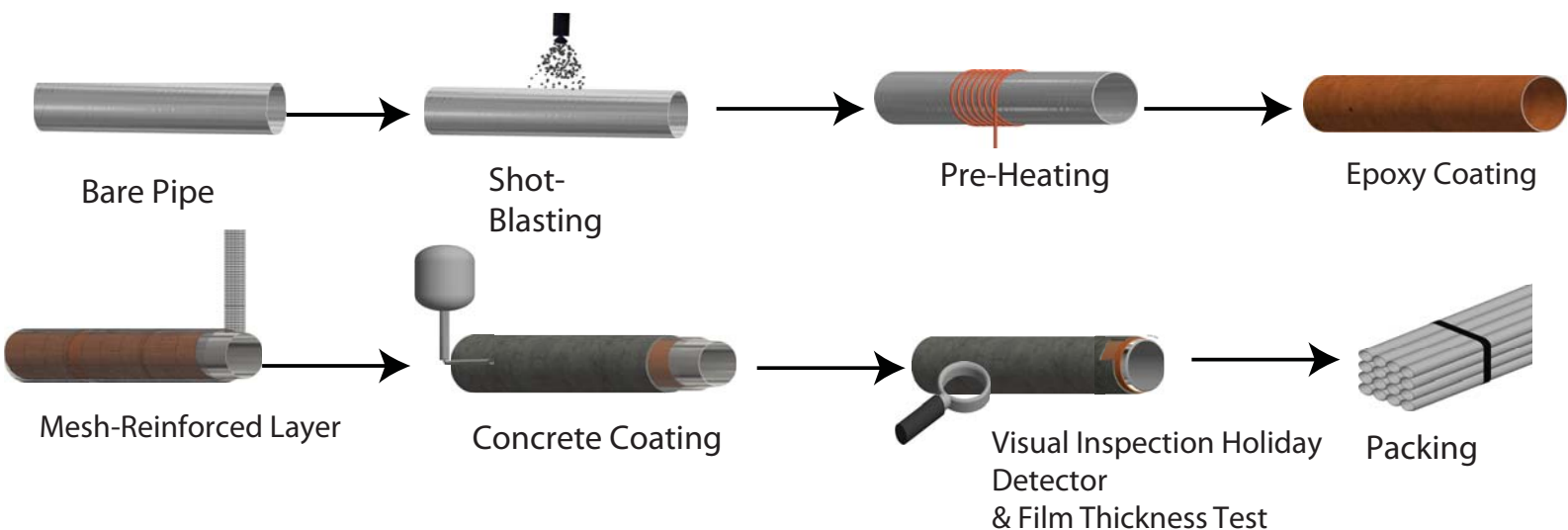
- ANSI/AWWA C213
- BS EN 545
- ISO 10080
- BS EN 14901

Additional standards may also apply after contacting an Insupipe sales agent.

Product Description

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

Process Flowchart of Epoxy-CO-RE Coating



Contact us

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Epoxy-CO-RE PIPE

Thickness			
Layers	ePOXY 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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