WrapidBond® FST

A visco-elastic adhesive based system for pipeline corrosion protection

WrapidBond® FST is a corrosion protective coating consisting of a modified and reinforced visco-elastic adhesive. Supplied as a visco-elastic compound in paste form, WrapidBond® FST provides effective corrosion protection by providing a barrier to water and oxygen. WrapidBond® FST is for use on underground pipelines, and steel structures.

Adhesion & Creep Resistance

- The specially formulated adhesive bonds tenaciously to even the most difficult substrates and provides good elevated temperature creep resistance and resistance to soil stresses. Improved soil stress resistance is achieved with the installation of WrapidCoat® PVC outer wrap.

Wide Range of Applications

- WrapidBond® FST is ideally suited for a diverse range of pipeline applications including: coating repair on new pipeline construction; transition areas on below ground pipelines; special sections such as bends, tees, flanges, etc.; rehabilitation of existing pipelines; tanks chimes, etc.

Full System Approach

- The WrapidBond® product line also includes ultra flexible products, filler materials and mastics, weld bead and seam tapes and WrapidCoat® mechanical protection. Refer to the WrapidCoat® product data sheet for more informatiion.

Field Friendly

- Long shelf-life
- Various widths available with convenient package options for ease of inventory
- Fast installation with instant adhesion on steel and many other base surfaces without applying primer
- No drying or hardening time
- Self healing ability when slightly damaged due to plastic-elastic properties
- Impermeable to water and oxygen

Applications

⬤	Oil & Gas
⬤	Onshore Pipelines
⬤	Repair & Rehab
⬤	Corrosion Coating
⬤	Girth-Weld Joints
⬤	Fittings & Valves

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Sleeve Operating Characteristics	Test Method	WrapidBond® FST with WrapidCoat® PVC
Maximum Pipeline Operating Temp.		Up to 95°C (203°F)
Compatibility		PE, PP, FBE, PU, Coal tar, Bitumen
Typical Product Properties		
Density	ASTM D792	1.0 g/cm^3
Lap Shear Strength	ISO 2189-3/EN 12068	0.02 N/mm^2
Glass Transition Temp.	ASTM D3418	< -20°C
Water Absorption	ASTM D570	< 0.05%
Drip Resistance	ISO 2189-3/EN 12068	Pass at 95°C

* When used with WrapidCoat® PVC. Refer to the WrapidCoat® data sheet for more information.

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Quality Management system registered to ISO 9001

Since 1967, Canusa-CPS has been a leading developer and manufacturer of specialty pipeline coatings for the sealing and corrosion protection of pipeline joints and other substrates. Canusa-CPS high performance products are manufactured to the highest quality standards and are available in a number of configurations to accommodate many specific project applications.

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CANUSA-CPS
Corrosion Protection & Sealing

Corrosion Protection and Sealing