CANUSA-CPS
A SHAWCOR COMPANY

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 aboveground and 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

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

Full System Approach

- The Wrapid Bond™ product line also includes ultra flexible products, filler materials and mastics, weld bead and seam tapes and Wrapid Coat™ mechanical protection. Refer to the Wrapid Coat™ 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 excellent 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	Wrapid Bond™ FST with Wrapid Coat™ 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	1.1 - 1.3 g/cm^3
Lap Shear Strength	EN 12068	0.02 N/mm^2
Glass Transition Temp.	ASTM D3418	< -20°C
Water Absorption	ASTM D570	< 0.05%
Drip Resistance	EN 12068	Pass at 95°C

* When used with Wrapid Coat™ PVC. Refer to the Wrapid Coat™ data sheet for more information.

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.

The product information shown here is intended as a guide for standard products.

Consult your Canusa representative for specific projects or unique applications.

Canusa-CPS
A division of ShawCor Ltd.

B&W Distributors, Inc.

Authorized Dealer of Canusa-CPS Products

B&W Distributors, Inc.
PO Box 21960
Mesa, AZ 85277

P: 480-924-8883
F: 480-924-9100

info@bwdist.com
www.bwdist.com

Canusa-CPS is registered to ISO 9001:2008

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