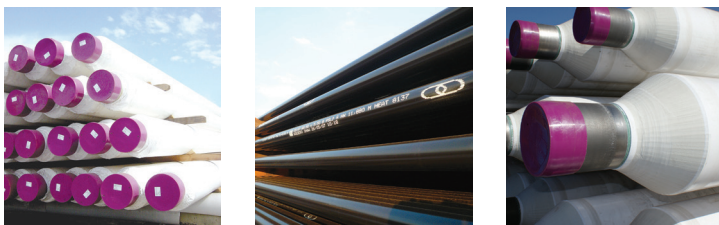


Serra, Brazil

ABOUT SERRA

Shawcor's Serra, Brazil facility offers a broad range of products and services for both the offshore and onshore markets.

The Serra facility provides customers with a one stop center to efficiently manage and deliver multiple pipe coating project requirements. The facility utilizes the latest manufacturing technology and practices which results in highly efficient and flexible process lead times for orders.



SPECIAL SERVICES

- External anti-corrosion coatings
- Flow assurance coatings
- Thermal insulation
- Double joints

APPROVALS AND QUALITY ASSURANCE

- ISO 9001:2008
- Petrobras official vendor

PIPE COATING PRODUCTS

	Diameter mm (")		Length m (')	
	min.	max.	min.	max.
ANTI-CORROSION COATINGS				
YJ2K	102 (4)	356 (14)	8 m (26)	14 (46)
3 Layer Polyethylene	63.5 (2.5)	356 (14)	8 m (26)	14 (46)
3 Layer Polypropylene	63.5 (2.5)	356 (14)	8 m (26)	14 (46)
Fusion Bonded Epoxy	63.5 (2.5)	356 (14)	8 m (26)	14 (46)
Dual Layer Fusion Bonded Epoxy	63.5 (2.5)	356 (14)	8 m (26)	14 (46)

THERMAL INSULATION				
Five Layer Foam Polypropylene	63.5 (2.5)	730 (30)	8.0 m	27.0 m
Five Layer Syntactic Polypropylene	63.5 (2.5)	730 (30)	8.0 m	27.0 m
Five Layer Solid Polypropylene	63.5 (2.5)	730 (30)	8.0 m	27.0 m
Thermotite ULTRA	63.5 (2.5)	730 (30)	8.0 m	27.0 m
ThermoFlo Syntactic Polyurethane	63.5 (2.5)	730 (30)	8.0 m	27.0 m
Polyurethane Foam	63.5 (2.5)	730 (30)	8.0 m	27.0 m

LOCATION



ACCESS

Truck

23 km Vitoria
375 km Macaé
547 km Rio de Janeiro

Rail

Vitoria
Rio de Janeiro

Marine

10 km Vitoria



ABOUT SHAWCOR

Shawcor is the global leader in pipe coating solutions. With more than 80 years of experience, the largest team of dedicated pipe coating professionals, the most extensive network of strategically located plants worldwide and with proven innovative coating technologies, the company has protected more pipelines in virtually every environment and operating condition than anyone in the industry.

Shawcor offers technologically advanced solutions for anti-corrosion coatings, protective and weight coatings, thermal flow assurance coatings, internal coatings, custom coatings and field joints for both onshore and offshore applications. This broad range of products and services provides Shawcor with the unique capability to service the full spectrum of pipeline protection and flow assurance requirements. Consult with your Shawcor representative for your unique project requirements.

Health and Safety

Shawcor is committed to providing a safe and healthy workplace and ensuring that our business activities are conducted in a manner that protects the environment. The company's commitment to employee safety is promoted through our Incident and Injury Free (IIF) philosophy.

The information contained herein is indicative of the types of coatings provided by Shawcor, and is not intended to be a guarantee that a particular coating will be suitable for a given application. Since many unique environmental, operating, and design conditions must be considered, the user shall determine the suitability of the coating for the intended use and assume all the risks and liabilities in connection therewith. Shawcor's liability is stated in our standard conditions of sale.

PLANT OFFICE

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