

Verniciatura Industriale Pesarese

**Coating Services** Solutions against time

## **FBE FUSION BONDED EPOXY**

#### Long-lasting corrosion protection



The FBE primer offers an excellent adhesion to the substrate and provides a **long-term corrosion protection** for pipelines operating at

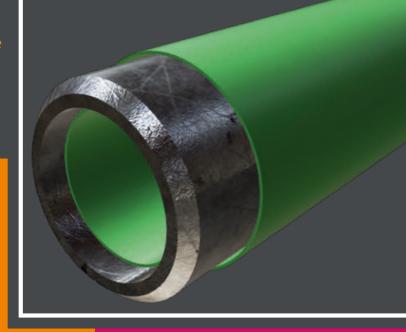
#### Single and double layer coating



The coating can be applied in a **single**, **double or triple layer** and the **differentiated thickness** as required by the specification. The single

#### Main advantages of FBE





#### **Application**



External coating



Internal lining

#### Applicability - Limitless amount



**SMALL AND** LARGE PIPES



**STANDARD** FITTINGS





**FLANGES** 















#### Inspection & Testing

In our internal laboratory, we perform all the tests and inspections during all the project's phases, carried out with NACE certified staff.

#### Coating typical properties

Hardness: 80-90 shore D avg.

Minimum recommended temperature: - 73°C Maximum recommended temperature : + 180°C

#### Coating capacity

Diameter from 1/2" to 120" Maximum unit **lenght** 13,5 meters Maximum unit weight 15,000 kg

#### **VALVES AND/OR CUSTOM PIECES**

(Bends, tees, reducers, flanges, etc.) Maximum **size** 3.0 x 3.0 x 13.5 meters Maximum unit weight 15,000 kg

Maximum thickness of the coating 3,5 mm





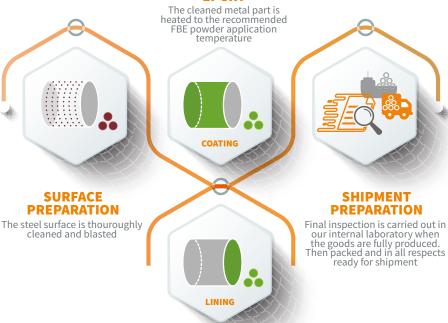






# FBE PRODUCTION PROCESS











## **GENERAL TESTING**

High resistance to impact	Adhesion in hot water
Low porosity	Dielectric strength
Applicable at various thickness	Elevate value of cathodic resistance
Various grades of bendability	Low value of water absorption
Variable hardness	High heat distortion resistance

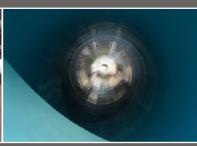
### **CERTIFIED QUALITY**

All the laboratory tests are performed internally, the FBE powder brands we use are approved by Saudi Aramco and for drinking water.









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