

#302648

Energy Infrastructures Ltd.

Pipeline coating specification

8/2023



MODELS

1. Powercrete ARO-UV
2. Other models are allowed provided they are equivalent to the models in this specification and meet the minimum threshold condition of the tender

1. GENERAL

This specification covers the technical requirements for supply and delivery of a cold-applied polyester resin prepreg E-Glass reinforced mechanical wrap, mainly used for directional drilling thrust (slick) bore and pull-through applications to protect 3-LPE linepipe coatings.

SITE CONDITIONS:

- Manual applied system for directional drill and thrust bore applications
- Can be applied on 3LPE, but also on FBE, EP, hard-shell insulation etc.
- UV resistant
- Ambient temperature varies between: Min 10 °C Max 40 °C
- Relative humidity varies between: Min 25% Max 70%
- Can be simply hand applied in multiple layers
- for directional- and thrust (slick) bore drilling applications and other pipeline sections, such as bends, tees, valves, flanges, hard

TECHNICAL REQUEST:

- Density : Min 1.85 g/cm³
- Elongation at Break : Max 2%
- Tensile Strength: Min 60 MPa
- Compressive Strength : Min 130 MPa
- Hardness: Min 50 Barcoll
- priming : Self-priming



Manufacturer Requirements:

The manufacture will be American or European

Packing :

roll

Documentation

- Installation manuals will be sent to PEI for review after the PO submittal.

In submission -

1. Certificate to conformance to the required standarts.
2. MSDS – Material safety data sheets

