Description

Archco-Rigidon system 423D is a 2 component medium duty brush or airless spray applied lining. It is formulated from a Vinyl Ester resin reinforced with 0.4mm glassflakes. The lining dry film thickness is nominally 1.0mm. Further coats can be applied should the specifying authority require additional coverage.

Principal Characteristics

* Excellent corrosion resistance
* Very good abrasion resistance
* Very good erosion resistance
* Very low permeability
* Excellent chemical resistance
* Good flexibility
* Medium temperature tolerance
* Excellent undercutting resistance
* Excellent repairability
* Rapidity of cure

Volume Solids Percentage

Theoretical 98% at mixing time. Practical 90-95%.

AR423D is subject to some monomer loss depending on conditions.

Corrosion and Temperature Resistance

Archco-Rigidon system 423D is resistant to corrosive mineral acids, alkalis, salts and has particularly good resistance to oxidising chemicals and at 2mm DFT to total immersion temperatures up to 85°C and gas temperatures up to 140°C, depending upon the chemical type and concentration levels.

Suggested Uses

Archco-Rigidon system 423D is used primarily to protect steel from corrosive attack.

System 423D is widely used in the water treatment industry for linings to cooling water wedge and butterfly valves, filtration vessels, and applications involving effluent streams and treatment areas.

It is used extensively in the marine industry for lining storage vessels and is also used for lining road tankers and other plant which is subject to flexural movement.

How to Order

A full material system may be ordered by simply specifying Archco-Rigidon System 423D.

Our quotations include a 40% wastage factor.

Contact Archco-Rigidon Engineers for further information.