Description

Archco-Rigidon System 403D is a two component medium duty brush or airless spray applied lining. It is formulated from a Vinyl Ester resin reinforced with 0.23mm x 2µ glass flakes. The lining dry film thickness is normally 1.0 mm. Further coats can be applied should the specifying authority require extra thickness.

Principal Characteristics

* Excellent corrosion resistance
* Very good abrasion resistance
* Very good erosion resistance
* Very low permeability
* Good chemical resistance
* Excellent application properties
* High temperature tolerance
* Excellent undercutting resistance
* Easy to repair
* Rapidity of cure

Corrosion and Temperature Resistance

Archco-Rigidon system 403D Micro is resistant to highly corrosive mineral acids, alkalis, salts and a range of oxidising chemicals and at 2mm DFT to total immersion temperatures up to 100°C and gas temperatures up to 170°C, depending on the chemical type and concentration levels. (Refer to detailed Chemical Resistance Chart)

Suggested Uses

Archco-Rigidon system 403D is used primarily to protect steel structures from corrosive attack.

System 403D is widely used in the water treatment industry for lining filtration vessels, ion exchange vessels and applications involving effluent streams and treatment areas. It is used extensively in the offshore oil industry for lining process vessels and is also used for lining stacks, ducts, fume scrubbers and fan cases in the power generation and chemical process industries. Inclusion of waxed resin top-coat (Blue) maximises chemical resistance by accelerating full cure. Cosmetic appearance and surface finish are also improved.

Conditions for Spraying

The product temperature must be between 20°C and 25°C for correct spraying viscosity. A maximum of 5% Styrene may added if the viscosity cannot be controlled by ensuring the correct product temperature for spraying.

How to Order

A full material system may be ordered by simply specifying Archco-Rigidon system 403D Micro

Contact Archco-Rigidon Engineers for further information.

Practical Spread Rates

The above practical spread rates only allow for nominal wastage which occurs during application of the products. The appropriate wastage allowance must be made by the applicator depending on the site circumstances (e.g. Method of application, overspray, etc.). Denso SA cannot be held responsible for any excess usage by the applicator for whatsoever reason.