

## Corrolam VEP GL

### Chemical resistant vinyl ester laminating resin

#### DESCRIPTION

Corrolam VEP GL is an extremely chemical resistant, Bisphenol-A epoxy vinyl ester resin finishing coat that is specifically designed for demanding acid or highly alkaline environments. It is applied in combination with glass fibre and chemical resistant C glass veil for optimum chemical resistance. Ideal for tanks exposed to extreme conditions in the pulp and paper industry, sugar industry, petroleum industry, Flue gas scrubbers, Ozone and bleaching tanks.

#### Benefits:

- Fast curing
- Excellent chemical resistance to a wide variety of corrosive environments.
- High mechanical properties.
- Extremely tough and crack resistant.
- Excellent scratch and mar resistance E
- Easy to clean.
- Thixotropic resin
- Thermal shock resistant.

#### Uses:

- Ideal for protection of concrete walls, equipment bases, floors and drains against aggressive chemicals.
- Thermal resistant.
- Acid bunds, tank linings
- Chloride dioxide tanks, Flue gas scrubbers, Acid and alkali tanks

#### Substrate requirements:

Surfaces to be coated must be clean and free of dust, oily residues and loose friable material. All surfaces are to be suitably prepared using diamond grinders, shot blasting or scarifiers to remove laitance.

Substrate must be a concrete screed Grade 2 evenness and must be a minimum of 20MPa compressive strength and must have a tensile pull off exceeding 1.5 MPa. The substrate should be dry to 75% RH (BS 8204) and free from rising damp or ground water pressure.

#### Application:

This is a specialized system that must be installed by an approved applicator with documented quality assurance. Consult Technical Finishes for list of approved applicators.

#### TECHNICAL DETAILS

Application	: Roller
Profile	: Smooth
Flexural Strength	: > 125 MPa
Finish	: Gloss
Bond strength	: > 1.5 MPa
Application Temp	: 5 - 30°C
Service Temperature	: 110 °C max dry
Colour	: Various
Dry Film Thickness	: 0.5mm - 1mm
Walk on time	: 12hrs at 20 °C
Full cure	: 3 days
System details	: Primer VEP and Corrolam RC top coat.

Detailed application instructions are available upon request.

Chemical resistance : Consult Technical finishes technical department for details.

#### Typical Laminate Properties

Glass content	33%
Tensile strength	: >125 MPa
Tensile Modulus	: >7800MPa
Flexural strength	: > 200MPa ISO 178-2001

**Health and safety:** The system contains styrene and all appropriate PPE must be worn. Please consult Health and Safety Data sheets for each product.

Technical Finishes products are guaranteed against defective materials and are manufactured under high quality standards and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.

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