

# CORROLAM VEP RC

## Chemical Resistant Vinyl Ester Roller Coat

Corrolam VEP RC is an extremely chemical resistant finishing coat that is specifically designed for demanding acid or highly alkaline environments.

It is applied between 0.5 mm and 1 mm on existing laminates or fibre wound tanks as a rejuvenation coat and as a finishing coat on new laminate systems.

### UNIQUE PRODUCT 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 / easy to clean
- UV resistant
- Thermal shock resistant

### APPLICATIONS

- Ideal for protection of concrete walls, equipment bases, floors and drains against aggressive chemicals.
- Thermal resistant.
- Acid bunds, tank linings etc.

### 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 20 MPa 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.

### TECHNICAL DETAILS

Application	Roller
Chemical Resistance	Consult Technical Finishes technical department for details.
Yield	5 L kits
Coverage	2 - 3 m <sup>2</sup> / L or 10 m <sup>2</sup> / 5 L kit @ 500 um
Profile	Smooth
Flexural Strength	> 125 MPa
Finish	Gloss
Bond Strength	> 1.5 MPa
Application Temperature	5 - 30°C
Tensile Strength	> 80 MPa
Service Temperature	90°C max dry
Colour	Various
Dry Film Thickness	0.5 mm - 1 mm
Walk On Time	12 hrs at 20°C
Full Cure	3 days
System Details	Primer VEP and Corrolam RC top coat. <u>Detailed application instructions are available on request.</u>

### INSTALLATION

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.

**Leading manufacturers of specialist epoxy and polyurethane flooring systems, specialised construction and corrosion protection products.**

#### Distribution facilities nationwide

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+27 (0)41 451 3944

**Gauteng**  
+27 (0)11 822 7242

**KwaZulu-Natal**  
+27 (0)31 705 7733



InfoTF@saint-gobain.com • www.technicalfinishes.com



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## HEALTH AND SAFETY

The system contains styrene and all appropriate PPE must be worn.

Please read Safety Data Sheet and specific health and safety data for this product provided in compliance with the requirements of OHS Act No. 85 of 1993. The finished system is not hazardous to health or the environment.

## WARRANTY

Technical Finishes products are manufactured under high quality standards and are warranted against defective materials and are sold subject to standard Terms and Conditions of Sale, copies of which can be obtained upon request. Technical Finishes deals with approved applicators and carry a back-to-back warranty with these clients. Technical Finishes cannot be held responsible for the workmanship in surface preparation and application of our products, it is understood that the approved contractor will guarantee such workmanship and application. It is vital that the application is done in accordance to our specification.

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