

Corrolam VEP H05

Chemical resistant vinyl ester epoxy horizontal screed 5mm – 10mm

DESCRIPTION

Corrolam VEP H05 is a hand trowelled applied vinyl ester epoxy resin screed that is applied horizontally at a nominal thickness of 5 – 10mm. It is extremely chemical resistant screed that is specifically designed for demanding acid or highly alkaline environments. Its weatherability, thermal resistance as well as chemical resistance is unmatched. Typically used for acid proofing and in bund linings.

Benefits:

- Highly chemical resistant.
- Resistance to thermal shock.
- Excellent abrasion and good impact resistance.
- Excellent scratch and mar resistance.
- Fast curing / Rapid installation.
- Non-shrink.

Uses:

- Ideal for demanding environments in acid plants.
- Thermal shock resistant.
- Process areas, industrial kitchens.
- 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 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 20-25MPa compressive strength and must have a tensile pull off exceeding 1.5N/mm². 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	: Hand applied 5-10m
Compressive	: > 120 MPa (BS 6319)
Profile	: Non slip
Flexural Strength	: > 42 MPa
Finish	: Gloss
Bond strength	: > 23 MPa
Application Temp	: 5 - 30°C
Service Temperature	: 120 °C max dry
Chemical resistance	: Consult technical department for details.
Dry Film Thickness	: 5 – 10 mm screed
Colour	: Various
Walk on time	: 12hrs at 20 °C
Full cure	: 72 hours
System details	: Primer VEP, Corrolam VEP H05, Corrolam RC top coat

Health and safety: They 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.