



REF : ECUC 2012 08

# Ecuclad

## DESCRIPTION

Ecuclad is a heavy-duty reinforced wall lining system to meet the most stringent requirements of hygienic and clean environments subject to aggressive physical, chemical and thermal conditions.

Ecuclad provides an effective joint free system which is considerably more cost effective than preformed panels and is easy to clean, resists damage, temperature extremes and chemical spillage. The result is a safe, attractive working environment.

The system can be amended for design specifications for special requirements regarding weight of reinforcement and finished top coats, etc.

## ADVANTAGES

- Re-inforced strength from fibre glass membrane
- Non taint
- Superb adhesion
- Hard wearing
- Hygienic
- Waterproof

## RECOMMENDED USES

- Food factory units
- Prisons & police cells
- Public buildings
- Pharmaceutical areas
- Rendered walls
- Hospitals

## PRODUCT INFORMATION

System thickness (dry)	Solids content by weight	Pack sizes	Pack make up	Shelf life	Storage
1mm to 1.5 mm for the full Ecuclad system	n/a	n/a	n/a	n/a	n/a

## DRYING TIMES & COVERAGE RATES at 20°C

Coverage rate	Pot life	Recoat time	Light traffic	Full traffic	Full chemical cure
n/a	n/a	24 Hours	24 Hours	48 Hours	Up to 7 Days



## Specification

Product : Ecuclad

Finish : Matt or Satin Finish

Thickness : 60 microns approximately

Colour : See RSL Coatings Colour Chart

## Products required for this system

Prime : Steriprime or Resuseal Gloss Clear

System : Ecuclad

Surface Seal : As specified

## Preparation

Surfaces to be coated must be clean, dry and free of any contaminants that could impair good adhesion. Ensure good drying conditions prevail throughout the application and cure of the product.

Cement surfaces should be free from laitance, etc. All loose material to be removed by wire brushing or high pressure water cleaning. All surfaces to be dry and the temperature above 10 °C.

Repair and fill cracks and joints with suitable proprietary filler where no movement is anticipated. If building movement is anticipated, fill crack with suitable flexible water based mastic jointing compound.

## Priming

All porous substrates are primed with **Steriprime**. Impervious substrates such as tiles are primed with **Resuseal Clear Gloss Primer**. Coverage for **Steriprime** is approximately 8 square metres per litre depending on surface porosity etc. Coverage for **Resuseal Clear Gloss Primer** is approximately 7/8 square metres per kg.

## Application

Two coats of **Stericide** are applied with the membrane applied between coats whilst wet. **Stericide** is a single-pack fungicidal co-polymer emulsion. Coverage for **Stericide** is depending on grade of reinforcement from 1.5 square metres per litre to 2.5 square metres per litre.

Two finish coats or more are applied which depending on specification should be **Resuseal Gloss** or **Resuseal Satin** – two-pack water-based epoxy resins.

**Resupen WB White** can be installed as a finishing coat where a clean UV stable white finish is required.

Where high chemical resistance is required and the walls are subject to hot water or steam cleaning **Resustile Polyurethane Wall Coating** should be used. **Resustile Polyurethane Wall Coating** is UV stable and available in gloss or matt finishes.

Coverage for **Resuseal Gloss**, **Resuseal Satin** and **Resustile** is approximately 7 square metres per kg/litre per coat.

The fibreglass membrane is available in three grades:-

Standard Grade	30 grammes weight per sq .metre
Medium Grade	50 grammes weight per sq. metre
Heavy Duty Grade	70 grammes weight per sq. metre

Each grade has good drapability with high impact and tear resistance.

## Category Guide

FeRFA Category : n/a

## Technical Information

The following figures are obtained from laboratory tests and our experience with this product .

Slip Resistance	Dry	n/a
Method BS7976 pt1-3 2002	Wet	n/a

The slip resistance of a floor surface can vary as a result of the installation process, conditions at the time of application and subsequent traffic. Inappropriate cleaning or maintenance can adversely affect the performance. For further advice on potential wet areas please consult RSL.

Abrasion Resistance	n/a
Method BS8204 /ASTM D4060	

Temperature Resistance	Tolerant of sustained temperatures of up to 60°C
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Chemical Resistance	General Chemical Resistance Consult RSL on specific materials
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Elongation at break	n/a
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Tensile Strength	n/a
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VOC	See individual product data sheets
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Life Expectancy	10 years plus
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Subjected to Industrial Traffic  
RSL terms and conditions will apply

## Maintenance and Cleaning

RSL recommend that **Ecuclad** should be cleaned with a regular industrial cleaning regime utilising **R.S. Industrial Floor Cleaner** or similar with dirty water being removed. Isolated localised cleaning can be carried out using **R.S. Fats & Grease Remover & R.S. Oil Remover**. All surfaces should be thoroughly rinsed with clean water after the use of chemical cleaners.

**Please refer to RSL Data Sheet CLNG for Cleaning Advice**

## Health and Safety

**Ecuclad** is formulated from materials designed to achieve the highest level of performance as safely as possible. However, specific components require proper handling and suitable equipment, this information is given in the relevant safety data sheets. In all cases, spillages or skin contamination should be cleaned as soon as practically possible, by dry wiping of the affected area, and thorough washing with soap and water.

The information given in this data sheet is derived from tests and experience with the products and is believed to be reliable. The information is offered without guarantee to enable purchasers to determine for themselves the suitability of the product for their particular application. Any specification or advice given by Resin Surfaces Limited or its agents is based on the information supplied by the purchaser. Resin Surfaces Limited cannot be held accountable for errors or omissions as a result of that information being incorrect or incomplete. No undertakings can be given against infringement of patents. Some materials are derived from natural sources. As such some variation may occur. Site conditions may also contribute to variation in finish and colour.

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