



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 (dependant on top coat).

ADVANTAGES

- Reinforced using fibreglass membrane
- Hard wearing
- Superb adhesion
- Hygienic
- Waterproof

RECOMMENDED USES

- Food production areas
- Laboratories
- Prisons & police cells
- Pharmaceutical areas
- Rendered walls
- Hospitals

PRODUCT INFORMATION

System Thickness (Recommended)	1—1.5 millimetres for full system. *Ecuclad is a system made up of other products. Please refer to the individual product datasheets for correct thicknesses.
Solids Content	Refer to individual product datasheets.
Pack Sizes	Refer to individual product datasheets.
Pack Make Up	Refer to individual product datasheets.
Shelf Life	Refer to individual product datasheets.
Storage	Refer to individual product datasheets.

APPLICATION INFORMATION at 20°C

Coverage Rate (Theoretical)	Refer to individual product datasheets.
Pot Life	Refer to individual product datasheets.
Recoating Intervals	Refer to individual product datasheets.
Ready to Use:	24 - 48 hours
Ready for Cleaning	48 - 72 hours
Full Chemical Cure	7 - 10 days

Specification

Product : Eculcad

Finish : Dependant on top coat

Recommended thickness range : 1—1.5 mm (full system)

Colour : Limited colour range, please consult Sherwin-Williams

Products required for this system

Primer : Resuseal WB Clear

System : 2 Coats of Stericide
(with fibreglass membrane embedded between).

Surface Seal : 1 or 2 coats of Resuseal WB Wall Gloss,
Resutile Wall or Resupen WB

Preparation

Surfaces to be coated must be clean, sound, dry and free of any contaminants that could impair good adhesion. Hard smooth surfaces should be abraded or sanded to provide a mechanical key. Where open block work is to be coated this should be filled and bag rubbed with a sand cement mix to create a continuous, smooth paintable surface.

Substrate temperature should be between 10-30°C with relative air humidity of 70% maximum. Cold, high humidity and lack of air movement can cause a patchy finish, gloss reduction and delay in curing and damage to final properties. To prevent this ensure good drying conditions and air ventilation prevail throughout the application and cure of the product.

Priming

Open and porous substrates will require priming. **Resuseal WB Clear** is recommended and depending on the porosity and texture of the surface to be primed may require two coats. **Resuseal WB Clear** will not seal block work as it is a thin film primer only.

Application

Refer to individual product datasheets for application information.

Category Guide

FeRFA Category : N/A

Technical Information

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

Abrasion Resistance	N/A
Method BS8204 /ASTM D4060	
Temperature Resistance	Tolerant of sustained temperatures of up to 60°C
Chemical Resistance	Good chemical Resistance (dependant on top coat). Consult Sherwin-Williams on specific materials
VOC	Refer to individual product datasheets
Life Expectancy	1-3 years depending on applied thickness and subject to use and cleaning procedure. Sherwin-Williams terms and conditions will apply.

Maintenance and Cleaning

Sherwin-Williams recommend that **Ecuclad** should be cleaned with a regular industrial cleaning regime after specified full chemical cure time frame. Mild alkaline cleaning products suitable for hygienic wall surfaces are recommended. Isolated localised cleaning can be carried out using **R.S. Fats, Oils & Grease Remover** and **R.S. Oil Remover**. All surfaces should be thoroughly rinsed with clean water after the use of chemical cleaners.

Do not splash, clean, wash or treat the resin flooring with water or any other chemicals until full cure achieved, as it may affect the surface quality and performance.

Please refer to the Sherwin-Williams Guide to Cleaning of Resin Floors/Walls.

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 Sherwin-Williams or its agents is based on the information supplied by the purchaser. Sherwin-Williams 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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