

# Technical Data Sheet

## RCS Hydroplast

### Description:

An acrylic dry powder with cement activator, that once mixed with water creates a flexible, hydrophobic render for use as a tanking coat over fibre cement sheet, masonry, Rockcote or PSL mineral plasters.

### Typical Use:

Typically used around Concrete block and ICF Block (Poly blocks) window and other openings. Also applied over prepared Foundations, parapets, balustrade tops to provide a waterproof coating ready to accept Rockcote Resene finishing coats.

### Expectation:

HydroPlast will cure to form a strong, hydrophobic, flexible and crack resistant background which will accept Rockcote Resene finishing coats.

### Limitations:

Do not apply more than 2mm per coat. Can be used with or without reinforcing mesh dependant on specified application. If applying to foundations or balustrade tops 150gsm Alkali resistant fibreglass mesh must be applied. Mix only enough as can be used in 30mins @ 18 degrees.

### Technical Data:

Coverage:	2m <sup>2</sup> @ 1mm thick
Substrates:	Masonry, gypsum board, EPS & XPS insulation board, Rockcote & PSL plasters.
Abrasive strength:	Excellent
Adhesion:	Excellent
Crack resistance:	Excellent
Vapour Permeability:	No vapour barrier formed.
Colour:	light blue

### Surface Preparation:

Ensure surface is clean, sound, dry and free from dust, dirt, grease, mould and lichen. Any large bug holes and defects must be patched with Rockcote or PSL mineral plasters prior to application of HydroPlast to ensure a uniform finished surface thickness is achieved.

Application:

**Brush /Roller application - without fibreglass reinforcement**

HydroPlast can be applied with a brush, or roller. Prior to starting application dampen the exposed masonry surface. Apply generously to the prepared substrate in two coats to achieve a minimum 1mm thickness (*without fibreglass reinforcement*).

**Trowel application - with fibreglass reinforcement**

HydroPlast can be applied with a trowel. Prior to starting application dampen exposed masonry surfaces. Apply generously to the prepared substrate in one coat to achieve a minimum 2mm thickness. Apply pre-cut fibreglass reinforcement with light pressure into the wet HydroPlast. Apply HydroPlast only when the temperature is between 5°C and 30°C and will be in that range for the 24 hours period following application.

Curing:

HydroPlast should be protected from hot drying winds and direct sunlight for the first 12 hours. Protect newly applied HydroPlast from rain and water run off for the first 12 hours.

Clean up:

Wash equipment and spills as soon as possible with water.

Environmental and Safety

Ensure washing water does not enter waterways. Wet waste can be soaked into land or disposed of in trade waste. The powder is an irritant and paper dust masks are advised when handling. The wet compound is Alkaline and prolonged skin contact should be avoided. Wear rubber gloves, dust mask and safety glasses when handling product.

Material (SDS) Safety Data Sheets and (TDS) Technical Data Sheets are available on request or from our website.