

# GRT HP 700



## HIGH PERFORMANCE, UV STABLE, ONE COMPONENT, LIQUID WATERPROOFING MEMBRANE

### Description

GRT HP 700 is a single component, polyurethane waterproofing membrane system. GRT HP 700 applied on vertical or horizontal internal and external surfaces forms a seamless, durable and flexible membrane which protects structures from water penetration.

### Advantages

- Flexible
- Chemical Resistant to a wide range of chemicals
- Seamless
- For Steel and Masonry Surfaces
- Low VOC Content
- Durable
- UV Stable
- Single Pack – Easy to apply

### Uses

- Wet Areas
- Basements, Walls & Floors
- Planter Boxes
- Retaining Walls
- Podiums
- Plant Rooms
- Roofs
- Balconies

### Physical Properties

- |                    |                        |                  |                        |
|--------------------|------------------------|------------------|------------------------|
| • Elongation       | >600%                  | • Colour         | Grey or Green          |
| • Tensile Strength | >25 kg/cm <sup>2</sup> | • Tear Strength  | >15 kg/cm <sup>2</sup> |
| • Shore A Hardness | 70±5                   | • Solids Content | 90±3% (w/w)            |

### Instructions for use

#### Substrate Preparation

The surface must be clean dry, sound and free from all loose particles including dust, all laitance, greases, coatings curing compounds, or any other foreign matter. Apply suitable and approved joint caulking material such as polyurethane sealant (allow to cure) to all joints, joins and corners prior to application of GRT HP 700.

#### Priming

Apply a diluted coat of GRT HP 700 (with Enviro Thinner No.1) or Prime SB to prepared substrate at a rate of 4-6 litres per square metre by brush or roller. Allow the primer to fully dry before proceeding with final coat of undiluted GRT HP 700.

#### Mixing

GRT HP 700 components should be thoroughly mixed using a mechanical mixer at low speed prior to application.

#### Application

GRT HP 700 must be applied as a 2 coat system to achieve a total DFT of 1.5mm and may be applied using brush, roller or squeegee. All joints, cracks and voids must be sealed with a polyurethane sealant stripe or with a prestrip of Enviro 700 PUR and allowed to cure before applying the final coat.

**DO NOT APPLY EXTERNALLY IF RAIN IS ANTICIPATED.**

## Estimating Data (Theoretical)

The consumption of GRT HP 700 will depend upon substrate condition and type. As a guide: One 22 kg pail of GRT HP 700 will cover approximately 13-15m<sup>2</sup> based on achieving a Dry Film Thickness (DFT) of 1.5mm.

## Packaging

Enviro 700 PUR is supplied in 22 kg drums.

## Curing

Enviro 700 PUR generally can be recoated after (overnight) depending on the weather. Drying times will vary depending on temperature and surface conditions. Enviro 700 PUR achieves majority of its properties with 24hrs.

## Cleaning

Enviro 700 PUR should be removed from all tools and equipment, prior to curing with Enviro Thinner No.1. Observe all OH&S and MSDS information pertaining to safe usage and handling of solvents. Cured material can only be removed mechanically.

## Shelf Life

Enviro 700 PUR can be stored in its original sealed containers for 6 months in controlled environments. During storage a skin of Enviro 700 PUR may form which is easily removed. This does not affect the performance of the product. Enviro 700 PUR is sensitive to air. It is preferable to use all contents of can after opening.

## Safety Advice

Always provide adequate ventilation and wear appropriate Personal Protection Equipment (PPE) during use. Avoid contact with skin. Avoid breathing vapours. Wear protective eyewear. If inhalation occurs, move to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed then, SEEK MEDICAL ATTENTION. Refer to MSDS for full details.

**KEEP OUT OF REACH OF CHILDREN**



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