



UPS 778 AWC Acrylic Waterproofing Coating is a single component water based acrylic waterproofing coating. The product is supplied ready to use and is ideal for waterproofing tank bases, steel structures, gutters and fiberglass. The product has been developed using a complex range of acrylic resins, fillers and polymers which combine to provide a high performance waterproofing membrane with long term UV stability.

Product Features

- Water based high build acrylic coating.
- UV stable.
- Simple and easy to apply.

Product Applications

Tanks bases, steel structures, gutters and fiberglass.

Before proceeding, please read the following information carefully to ensure that the correct application procedure is fully understood.

Surface Preparation

Typically UPS 778 AWC will be applied to steel surfaces that have been primed using UPS 908 MP.

Tank Base / Steel Surfaces

For the best results all steel surfaces should be abrasive blast cleaned to Sa2½ with a 75 microns (3mil) profile. However using UPS 908 MP as the primer, UPS 778 AWC can be applied to surfaces with less than ideal surface preparation.

As a minimum all surfaces must be either mechanically abraded using an UPS Mini-Blaster or Hydro blasted (5000 psi) to ensure all loose material is cleaned from the surface. Once dry, 2 coats of UPS 778 AWC can be applied at a WFT of 500 microns (20mil) per coat.

Fibreglass Surfaces

All surfaces must be abraded using a coarse grinding pad. The surface must be free from dust and debris. Application temperature should be between 10°C – 35°C (50 – 95°F). Apply 2 coats of UPS 778 AWC at a WFT of 500 microns (20mil) per coat.

Mixing & Application

Please stir the container prior to applying the product to any prepared surfaces.

This product can be applied by brush, roller or squeegee.

Technical Data & Performance

Characteristics

Coverage Rates

20LT (5.25 US Gallon) of fully mixed product will give the following coverage rates -

40m² at 500 microns

430ft² at 20mil

Please note that the coverage rates quoted are theoretical and do not take into consideration the profile or condition of the surface being repaired.

Drying & Cure Times at 20°C (68°F)

| | |
|---|------------|
| Touch Dry | 1-2 hours |
| Minimum Over Coating | 2-4 hours |
| Maximum Over Coating | Indefinite |
| <i>Once hardener, the material should be left for the following periods of time at 20°C (68°F) before being subjected to the conditions indicated. These times will be doubled at 10°C (50°F) and halved at 30°C (86°F)</i> | |

Colour

| | |
|-----------------------|---------------------|
| Mixed Material Colour | Light Grey or White |
|-----------------------|---------------------|

Over Coating Times

| | |
|---|--|
| Minimum | The applied material can be over coated as soon as it is touch dry |
| Maximum | The over coating time should not exceed 36 hours |
| <i>Where the maximum over coating time is exceeded, the material should be allowed to harden before being abraded or flash blasted to remove surface contamination.</i> | |

Pack Sizes

This product is available in the following pack sizes;
20LT (5.28 US Gallons)

Shelf Life

2 years if unopened and store in normal dry conditions (15-30°C / 60-86°F)

Mechanical Properties

| | |
|------------------------------------|---------------------------------|
| Volume Solids | 60% |
| Elongation ASTM D412 | 160% |
| Tensile Strength ASTM D412 | 42kg/cm ² (600 psi) |
| Direct Pull Adhesion ASTM D4541 | 28kg/cm ² 400 psi |

Quality: All Unique Polymer Systems LTD Products are supplied under the scopes of the company's fully documented quality system.

Warranty: Unique Polymer Systems LTD warrants that the performance of the product supplied will confirm to the typical descriptions quoted within this Technical Data Sheet provided the material is stored correctly and used according to the procedures detailed in the Technical Data Sheet for the material.

Health & Safety: Please ensure good practice is observed at all times during the mixing and application of this product. Protective gloves must be worn during the mixing and application of this product. Before mixing and applying the material please ensure you have read the fully detailed Material Safety Data Sheet.

Legal Notice: The data contained within this Technical Data Sheet is furnished for information only and is believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the responsibility of the customer to determine the products suitability for use. Unique Polymer Systems LTD accepts no liability arising out of the use of this information or the product described herein.