

TECHNICAL DATA SHEET

UPS 780 ERR EMERGENCY ROOF REPAIR



UNIQUE POLYMER SYSTEMS

INNOVATE | REBUILD | ENHANCE

UPS 780 ERR Emergency Roof Repair is a solvent based single component acrylic waterproofing coating. The product is supplied ready to use and is ideal for waterproofing roofs, tank bases, gutters and fiberglass. The product is highly fibrous and has excellent crack bridging qualities and is rain resistance 30 minutes after being applied.

Product Information

Product Features

- Long term UV stability.
- Seals through standing water – ideal emergency roof repair.
- No shrinkage – Minimal surface preparation
- Ideal for lining gutters.
- Applied in 1 coat at 1-2mm wet film thickness.

Product Applications

UPS 780 ERR is suitable for coating the following surfaces;

Roofs, Gutters and Fiberglass Structures



Minimal Surface Preparation



Shower Resistant in 30 minutes



Long Term UV Stable



Brush or Squeegee Applied

Surface Preparation

1. All surfaces must be free of all debris, mold, moss, algae and dust by brushing or pressure washing, then dried using squeegees or let dry overnight.
2. If UPS 780 ERR is used for short term waterproofing on a roof or gutter surface, then an adhesion check must be conducted before application.
- 3.

Mixing

Prior to mixing please ensure the following:

1. The base component is at a temperature between 15-25°C (60-77°F).
2. The ambient & surface temperature is above 10°C (50°F).
3. The ambient & surface temperatures are not less than 3°C (6°F) above the dew point.

Then proceed with mixing the product:

1. The UPS 780 ERR is a single component product.
2. Gently mix the product using an electric paddle mixer to ensure the product is consistently mixed.

Application

Brush or Squeegee applications -

1. This product can be applied as a single coat with a wet thickness of 1-2mm in emergency conditions.
2. For the best results apply two coats, apply UPS 780 ERR at 1mm wet film thickness for each coat.

Technical Data & Performance

Coverage Rates

5 KG (1 US Gallon) of fully mixed material will give the following coverage rates -

3.7m² at 1mm 40ft² at 40mil

20 KG (4 US Gallon) of fully mixed material will give the following coverage rates -

14.8m² at 1mm 160ft² at 40mil

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) allow the applied materials to harden for the times shown below before subjecting them to the conditions indicated. These times will be extended at lower temperatures and reduced at higher temperatures.

Shower resistant	30 minutes
Touch Dry	12 hours
Fully Cured	3-5 days

Appearance

Material Colour	Grey acrylic
-----------------	--------------

Available Colours

Grey

Over Coating Times

Minimum	The applied material can be over coated as soon as it is touch dry (approx. 12 hrs)
Maximum	Indefinite

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.

Density

Mixed	1.35
-------	------

Solids Content

70%

Slump Resistance

Nil at 1000microns

Touch Dry

10°C (50°F)	24 hours
20°C (68°F)	12hours
30°C (86°F)	6 hours

Pack Sizes

5KG (1 US Gallon) 20KG (4 US Gallon)

Shelf Life

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

Mechanical Properties

Direct Pull off Adhesion ASTM D4541	16kg/cm ² (230 psi)
Tensile Strength ASTM D412	42kg/cm ² (600 psi)

Heat Resistance

Resistant to dry heat up to 100°C (212°F) dependent on load.

Global Availability

UPS 780 ERR Emergency Roof Repair is available from a network of Global Distributors for prompt delivery. For further details and the location of your local distributor, please contact Unique Polymer Systems on:

+44(0) 1531 636300 | sales@uniquepolymersystems.com

Technical Service

Complete technical assistance is available. Please contact Unique Polymer Systems with your requirements:

+44(0) 1531 636300 | sales@uniquepolymersystems.com

The products that we supply are for professional use only, it is your responsibility to read the technical data sheets before you place an order and prior to application of the product.

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

Warranty: Unique Polymer Systems warrants that the performance of the product supplied will conform 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 accepts no liability arising out of the use of this information or the product described herein.