

Primer for substrates prior to Duraproof Topcoat Waterproofing System.

**Environmental Impact:** Cold applied liquid roofing membranes have been recognised to help roofing elements achieve up to a BREEAM A+ rating (depending on the roof construction), demonstrating the sustainability and low environmental impact of this chemistry type.



### Appearance

Smooth clear coating.

### Pack Size

5 and 20 kg units.

### Features



Weatherproof

Exterior

### Advantages

- ✓ Formulated to improve adhesion onto difficult substrates
- ✓ Deep penetrating low viscosity primer
- ✓ Used on all surfaces to bind the surface
- ✓ Reduces coverage rates
- ✓ Forms a sound substrate suitable for coating prior to Duraproof Waterproofing System

### Suitable Substrates

Ready for use on all Surfaces: Flat Roofs, Pitched Roofs, Weathered Asphalt and Bituminous Surfaces, Gutters, Concrete, Brickwork, Fibreglass and GRP, Felted Surfaces, Fibrous Cement Corrugated Cladding, Sheeting and Guttering, Metal (Galvanised, Ferrous and Non-Ferrous), Old Lead, Existing Painted Surfaces and EPDM.

OSB/Plywood and Wooden Substrates (must be taped and fully scrimmed and an additional coat of Duraproof added) - see Coverage Rates.

Fibrous cement corrugated sheeting and skylight surrounds must be reinforced with scrim to laps and around ALL fixings. (See Scrim Recommendation).

Can be brush or roller applied.

**Not for use on:** Walkways, Balconies, tanking, fish and aquatic ponds, plasticised PVC (Plastisol), new lead, slate or internal use.

**DO NOT USE ON NEW BITUMINOUS PRIMERS/COATINGS OR SURFACES.**

Cannot be used as a topcoat.

### VIRTUS RESINS

The Shippon, Faenol

Pentrecelyn

Ruthin LL15 2SP

**Tel:** 01978 790 744

**Tel:** 0843 289 8422

**Email:** [info@epoxyresinsuppliers.co.uk](mailto:info@epoxyresinsuppliers.co.uk)

**[www.epoxyresinsuppliers.co.uk](http://www.epoxyresinsuppliers.co.uk)**



**virtusresins**  
Epoxy resin suppliers

## Pack Size

5 and 20 kg packs.

## Coverage

	Minimum Primer/m <sup>2</sup>
<b>OSB/PLYWOOD AND WOODEN SUBSTRATES</b>  (MUST BE TAPED AND FULLY SCRIMMED)	0.2-0.33 lt/m <sup>2</sup> (equivalent to 3-5 m <sup>2</sup> /lt)

<b>POROUS AND FRIABLE</b>  Felted surfaces, Fibrous Cement, Concrete, Weather Asphalt or Bituminous Surfaces, Fibre glass and GRP	0.2-0.33 lt/m <sup>2</sup> (equivalent to 3-5 m <sup>2</sup> /lt)
---	--

*After priming a check must be made for the presence of pinholes and missed areas which can be rectified by applying additional coating as necessary to produce a sound substrate prior to overcoating.*

*Spreading rates may vary depending on type and condition of substrate, environment and so on. These examples are intended only as a guide.*

## Surface Preparation

- Ensure the substrate is free from old plant and debris
- Cut all brick chases if required
- The outlets and gutters must be free from obstruction

*Do all your dirty work before cleaning!*

## Repairs to Substrate

Including splits, cracks, joints, seals and crazed areas:

Repair faults in the surface by using a high quality waterproof mastic/filler.

Apply Duraproof Primer followed by Duraproof Waterproofing System to repaired areas incorporating Virtus Reinforcing Scrim overlapping by 5cm.

## Priming

Most roof substrates require priming before over-coating with Duraproof.

See Primer Guide for the following substrates.

These surfaces should be cleaned prior to applying Duraproof.

### Highly Porous/Friable Surfaces:

Felted surfaces, fibrous concrete corrugated cladding, sheeting and guttering should be primed with Duraproof Primer (see separate technical data sheet).

### Fibrous concrete corrugated sheeting:

Two coats of Duraproof Primer must always be applied to this substrate.

### Concrete and Masonry:

Prime with Duraproof Primer.

### OSB/Plywood and Wooden Substrates:

OSB/Plywood, wooden substrates and insulation board must be treated with a 50mm wide strip of Tape (any other tape must be adhesion tested before use). A continuous surface should be created before commencing with the application of Duraproof Primer (see separate technical data sheet).

### Weathered Asphalt and Bituminous surfaces:

Prime with Duraproof Primer.

*Note: discolouration can occur over Weathered Asphalt or Bituminous Surfaces. An extra coat may therefore be required for decorative purposes.*

**DO NOT USE ON NEW BITUMINOUS PRIMERS/COATINGS OR SURFACES.**

### Metal:

All ferrous metals should be primed with Metal Primer (see separate technical data sheet).

### Lead:

No primer required on old lead, sheet/valleys.

**DO NOT USE ON NEW LEAD.**

### Aluminium, Copper and Galvanised Steel:

These should be primed with 1 Pack Etching Primer (see separate technical data sheet).

### Fibreglass and GRP:

Prime with Duraproof Primer.

### Previously Painted or Coated Substrates:

Prime with Duraproof Primer.

### EPDM:

Prime with Duraproof Primer.

*Note: It is good practice to inspect and carry out adhesion tests on any existing coating or substrate prior to application of the coating.*

## Application

**DO NOT THIN.** Stir well before use as separation could occur. To the dry and cleaned surface, apply a generous coat of Duraproof Primer by brush or roller at the specified spreading rate as stated under the heading.

### Application Conditions:

The substrate and ambient temperature for the application of the system must be between 2°C and 35°C.

**DO NOT APPLY** to frozen or damp surfaces or in hot direct sunlight or coating may skin. Work away from the area immediately being applied and toward a suitable escape access. Do not walk on newly coated surface whilst application is in progress.

## Drying Time

Duraproof Primer can take up to 1 day to cure but can be over coated immediately when dry. It will be dry under normal conditions in 2-4 hrs depending on humidity and temperature and can be overcoated when dry.

## Cleaning

For cleaning equipment use white spirit .

## Storage & Shelf Life

Up to 2 years if stored correctly in an unopened container.

## Availability

3 - 5 working days. **Country of Manufacture:** United Kingdom

## You Might Also Need:

- Duraproof Topcoat

## Important

Duraproof Primer is not recommended for the treatment fishponds or internal use.

Air conditioning vents should be sealed for a minimum of 24 hours during and after the application.

This coating is only valid for applications in the UK.

MINIMUM FINISHED FALL: when using this product it is important that a minimum finished fall of 1:80 is achieved, as stated in BS 6229.2003 (Code of Practice for the application of Liquid Applied Waterproofing Systems to flat roofs with continuously supported coverings).

## Health and Safety

- Flammable keep away from sources of ignition.
- Ensure good ventilation during application.
- Wear gloves, goggles and suitable protective clothing.
- In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
- Remove splashes from the skin with a recognised hand cleaner or plenty of soap and water.
- Keep out of reach of children.
- Do not use near fishponds.
- Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environments.

*Note: The information contained in this document, and all further technical advice given is based on our present knowledge and experience. However, it implies no liability or legal responsibility on our part. In particular, no warranty or guarantee of product performance in the legal sense is intended or implied as the conditions of use and the competence of any labour involved in the application are beyond our control. Properties listed are for guidance purposes only. We reserve the right to make any changes according to technological progress or further developments.*

There is a Code of practice from LRWA-“Specification and use of Liquid Applied Waterproofing Systems” on [www.lrwa.org.uk](http://www.lrwa.org.uk) which can be consulted for general advice.

If in doubt regarding any of the above points, please contact our technical services department for advice.

A Material Safety Data Sheet is available on request. It is the users responsibility to ensure that this data sheet is current prior to using the product.

## VIRTUS RESINS

The Shippon, Faenol

Pentrecelyn

Ruthin LL15 2SP

**Tel:** 01978 790 744

**Tel:** 0843 289 8422

**Email:** [info@epoxyresinsuppliers.co.uk](mailto:info@epoxyresinsuppliers.co.uk)

**[www.epoxyresinsuppliers.co.uk](http://www.epoxyresinsuppliers.co.uk)**

SUBSTRATE	Duraproof Primer	Zinc Phosphate Metal Primer	1 Pack Etching Primer
<b>POROUS AND FRIABLE</b> Felted Surfaces Fibrous Cement Concrete Weathered Asphalt and Bituminous Surfaces <b>DO NOT USE ON NEW BITUMINOUS PRIMERS/COATINGS OR SURFACES.</b>	✓ ✓ ✓ ✓		
<b>OSB/PLYWOOD AND WOODEN SUBSTRATES (MUST BE TAPED AND FULLY SCRIMMED)</b> Timber Decks Plywood	✓ ✓		
<b>METALS</b> Ferrous and Galvanised Metal		✓	✓
<b>NON-FERROUS METALS</b> Lead (not to be used on new lead) Aluminium Copper			✓ ✓
<b>OTHERS</b> Fibreglass and GRP Previously painted or coated substrates* EPDM	✓ ✓ ✓		



Certificate Number 8516  
 ISO 9001

Approvals/Standards: External fire performance; BS 476-Part 3:2004 EXT.F.AC.

IT IS GOOD PRACTICE TO INSPECT AND CARRY OUT ADHESION TESTS INCORPORATING THE PRIMER AND DURAPROOF \*Adhesion/pull off test required.