



PRIMESEAL

TWO-PACK, WATER-BASED PRIMER AND SEALER

Description

Duram Primeseal is a versatile two-part, water based coating suitable for most types of porous and semi-porous surfaces.

Primeseal has been designed for the dual roles of both a primer and a sealer.

As a primer, Primeseal is an excellent universal primer for all Duram waterproofing membranes, anti-slip coatings, paints and coatings. It has excellent bonding properties to most substrates and assists in the prevention of water vapour transmission from the substrate thereby minimising the risk of bubbles forming underneath membranes.

As a sealer, Primeseal exhibits excellent primary waterproofing and sealing properties and enhances the waterproofing performance of subsequent membranes and coatings.

Primeseal's standard colour is off-white and generally used as a top coat over Cristoflex to provide an attractive colour in water features.

Uses

Duram PRIMESEAL is formulated:

- as a general and universal primer for most types of substrates.
- as a sealer coat over bitumen surfaces to allow the application of solvent and water based waterproofing membranes and other coatings.
- as a sealer over damp surfaces to allow the application of urethane based waterproofing membranes.
- as an intercoat bridging coating to allow the application of incompatible coatings.
- Priming and sealing of concrete, cement, cement render, timber, brick, block work, FC sheeting, CFC sheeting, plasterboard and bituminous surfaces.
- as a sealer against bitumen and tar based products staining grout and tiles.
- to provide good hydrostatic resistance to both positive and negative waterproofing.
- as a primer over bituminous and torch-on membranes so that they can be top-coated or re-membraned.

Suitable Surfaces

Duram Primeseal is suitable for most surfaces including:

- Concrete, cement, cement render, brick, block work, masonry, timber, FC sheeting, CFC sheeting, plasterboard and painted or coated surfaces.
- Abraded or etched ceramic tiles - but confirmation of specific projects should be sought from the Company.
- Primeseal may be applied to superficially damp surfaces although not recommended and freedom from surface and running water and continual dampness is essential. The surface must dry to allow the product to dry.

Specification

The information contained in this product data sheet is typical but does not constitute a full specification as conditions and specific requirements may vary from project to project. The instructions should be considered as a minimum requirement but the applicator or contractor must use their skill, knowledge and experience to carry out additional works as may be necessary to meet the requirements of the project. Specification for specific projects should be sought from the Company in writing.

Limitations

Primeseal being an epoxy has low flexibility and is NOT designed to bridge cracks or expansion joints.

Primeseal can be effective for sealing the inside wall surfaces but without guarantee.

Benefits and Advantages

- Primeseal is user and environmentally friendly, solvent free and low in odour.
- Easy to apply by brush, roller, squeegee and spray.
- Quick drying.
- Has excellent adhesion.
- Excellent water barrier.
- Can be used as a primary waterproof barrier on rigid surfaces.
- It will not re-emulsify.
- Seals over most existing coatings.
- Excellent hydrostatic pressure resistant.
- Can be used to seal the negative and the positive sides of the substrate.
- Can be applied to superficially damp surfaces, which must become dry.
- Compatible with all Duram waterproofing membranes and floor coatings.
- Acts as a bleed sealer over bituminous surfaces.
- Excellent primer over torch-on waterproofing products.

Precautions in Use

Primeseal is water based and contains no VOC's and is considered safe to use, however, observe good hygiene and safety practices. The wearing of gloves is recommended and goggles against splashes. Good ventilation is recommended and avoid contact with skin, eyes and mouth. If poisoning occurs contact Poison Information Centre. If swallowed DO NOT induce vomiting, give plenty of water to drink and seek medical advice. If in eyes thoroughly flush with clean water, holding lid open to ensure any product maybe flushed away. If on skin wash with soap and water.

Priming and Surface Preparation

Good preparation is essential. Surfaces must be sound, stable, dry, clean and free of dust, loose, flaking, friable material and substances that may diminish adhesion.

General Usage:

Mix equal portions of Part A and Part B (standard mix) thoroughly to a homogenous consistency before application. Only mix enough product that can easily be applied within 2 hours.

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Priming and Surface Preparation cont.

Bagging Primer Mix:

Thoroughly mix equal portion of Part A and part B of Primeseal, then add 30% water and thoroughly mix and then add sufficient 3:1 sand: cement mix to the Primeseal liquid to form a brushable or rollable consistency and apply to surface.

Concrete Blow-Hole Filler:

As above, but adding more sand:cement to the mix to increase its viscosity. Coat the blow-hole with the standard mix Primeseal solution and then fill hole with described viscous mixture.

Allow Primeseal to dry fully before over coating.

Application

Apply by brush, roller, squeegee or spray, generally in a single coat using sufficient product to provide a uniform, solid, off-white coat.

When priming timber, particularly particle board at least 2 coats should be applied.

When sealing bituminous surfaces, at least 2 good coats should be applied.

When using Primeseal as the primary sealer at least 3 coats should be applied.

For priming of superficially damp surfaces (freedom from continual dampness is essential) apply 2 coats.

Subsequent coats should be applied as soon after the preceding coat is fully dry and best within 48 hours.

The final coat must be uniform completely covering the surface.

Allow Primeseal to cure for 3 to 4 days prior to filling with water when used as a primary sealer.

Coverage

The stated average coverage rate may vary depending upon type, condition, porosity, texture of the surface and application technique.

Generally, Primeseal should be applied at 4m² per litre per coat. Highly porous or friable surfaces may require the application of an additional coat.

Colours

Standard colour is off white and is available in 1, 4, 10 and 20 litre kits.

Drying and Curing

Drying and curing of the product is affected by type, dryness and porosity of the surface, temperature, humidity, ventilation, climate conditions and application technique and therefore drying and curing can only be given as a guide.

Touch dry curing time is approximately 4 to 8 hours at 25°C and 50% RH. Damp surfaces will increase curing time and will generally be slower than had the surface been allowed to dry before applying the Duram Primeseal.

Cold air and ground temperatures will increase drying times.

Storage

Store in a cool, dry area away from direct sun light. Ensure unused product is sealed properly. Keep out of reach of children.

Clean Up

Wet spills can be cleaned up with water.

Tiling, Topping or Top Coating

Primeseal can be directly tiled or topped.

Safety & Precautions

Although this is a safe to use product it is recommended that you follow good safety and hygiene practices. Refer to products Material Safety Data Sheet.

For full safety data refer to the products Material Safety Data Sheet. Observe precautions as per label.

Tests and Technical Data

Shelf life: 12 months in unopened containers. Stored as recommended. Service Temperature: 0°C to 50°C. Application Temperature: 5°C to 35°C.

CONDITIONS OF USE AND DISCLAIMER

The information contained in this data sheet is given in good faith based upon our knowledge and current information and does not imply warranty. The information is provided and the product sold on the basis that the product is used for its intended use and applied in a proper workman like manner in accordance with the instruction in this data sheet onto suitable and correctly prepared surfaces which shall remain sound, stable, free of structural defects, cracking, spalling concrete cancer, negative pressure, movement or other conditions that may affect the performance of the product. Deviations from application instructions may diminish or negate the performance of the product. Under no circumstances will the Company be liable for any loss, consequential or otherwise, arising from the use of the product. Liability is limited to the replacement of proven faulty product.