



Product Data Sheet

Primeseal SP

Single pack, moisture curing, concrete primer and sealer

Description

Duram Primeseal SP is a high performance, VOC free, single pack (one component), fast curing, moisture curing, penetrating concrete primer, sealer, moisture vapour and waterproof barrier.

Duram Primeseal SP is a low modulus coating, formulated for good penetration in to concrete, cementitious and porous substrates. Duram Primeseal SP is an excellent primer for the following Duram waterproofing membranes and coatings:

- Duram Multithane
- Duram InstaProof
- Duram Azcothane
- Duram Durabit and Durabit REO
- Duram Rocktuff

Duram Primeseal provides a water transmission barrier to protect subsequent membranes from bubbling and pin-holing.

Uses

Duram Primeseal SP is a multi-purpose coating specifically designed to provide:

- An excellent primer for Duram waterproofing membranes and coatings providing excellent adhesion of the waterproofing membranes and coatings to the substrate,
- A technically advanced sealer and penetrating waterproof barrier
- A water vapour transmission barrier to concrete and other porous building substrates and provides .

Duram Primeseal SP provides a deep penetrating barrier against water vapour transmission thereby minimising bubbling and pin-holing of subsequent membranes and enhancing the quality of the overall waterproofing system.

Duram Primeseal is an ideal primer for polyurethane, polyurea, acrylic and latex based membranes and coatings.

Suitable Surfaces

Duram Primeseal SP is suitable for use on dry, low concentrations of moisture within the substrate and green concrete (7 to 14 day old concrete) :

- Concrete and cementitious surfaces
- Block-work and bricks
- Cement render
- Fibre cement sheeting
- Timber

Additional Uses

Duram Primeseal SP can also be used as a stand alone concrete sealer.

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

Do Not use on substrates which contain high concentrations of moisture, over wet or seeping areas.

Benefits and Advantages

Duram Primeseal SP is a technically advanced priming and sealing urethane coating:

- One component
- Low viscosity (modulus) for deep penetrating in to the porous substrates
- Excellent film forming properties
- Designed to fill pores
- Provides water vapour transmission barrier to minimise bubbling and pin-holing of membranes
- Low usage

- Excellent primer for Duram polyurethane and water based membranes
- VOC free
- Very quick curing
- Quick re-coat or top coat times

Precautions in Use

Use only in well ventilated areas.
Keep all sources of ignition away from uncured material.
Use protective gloves, boots and goggles against splashes.

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.

Ensure surface is sound, stable, clean, free of loose & friable materials and contaminants including oils, grease, waxes and adhesion diminishing substances.

Application

As a general primer: Apply 1 coat by brush, roller or squeegee at approximately 7m² to 8m². Allow to dry. For best results apply the subsequent membrane as soon as the coating is dry (\pm 2hours) but must be within 24 hours.

As a water vapour barrier: Apply 2 coats by brush, roller or squeegee at approximately 7m² to 8m² per coat. Allow to each coat to dry. The second coat should be applied as soon as the first coat has cured and best within 2 hours. Subsequent membranes should be applied as soon as the coating is dry (\pm 2hours) but must be within 24 hours.

Note: Highly porous substrates, pitted surfaces etc. will require a greater usage of product.

Coverage

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

Approximately 7m² to 8m² per litre per coat.

Colours

The natural colour of the coating is a very light amber.
Note: When used a concrete sealer the coating will darken the surface.

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.

The coating will generally cure within 2 hours at 25°C and 50% RH.
Subsequent coats must be applied as soon the Primeseal SP is dry and within 24 hours.

Storage

Pail Sizes

4 litre and 15 litre pails

Store in a cool dry area. Protect from damage and puncture. The product will react with water.

Clean Up

Avoid spills as they are difficult to clean and impossible to remove from porous substrates.

Tiling, Topping or Top Coating

Not intended to be directly tiled.

Safety & Precautions

Use only in well ventilated areas. Avoid breathing in vapours. Do not apply in confined areas.
Keep all sources of ignition away from uncured material.
Use protective gloves, boots and goggles against splashes.

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

Tests and Technical Data

Specific gravity	1.17
Solid Content	100%
Dry Time at 20°C / 50% RH	45 minutes
Pull off adhesion test	3 MPa

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Conditions of Use and Disclaimer

The information contained in this Material Data Sheet is given in good faith based upon our current knowledge and does not imply warranty, express or implied. The information is provided and the product is sold on the basis that the product is used for its intended purpose and is used in a proper workmanlike manner in accordance with the instructions of the Product Data Sheet in suitable and safe working conditions. Under no circumstances will the Company be liable for loss, consequential or otherwise, arising from the use of the product.

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