



Endura Paint Pty Ltd  
A.B.N. 30 618 011 206  
40 Port Kembla Drive  
Bibra Lake, Western Australia 6163  
Telephone: +61 (0)8 9418 2999 Fax: +61 (0)8 9418 2899  
[www.phoenixpaints.com.au](http://www.phoenixpaints.com.au)

# POWERSEAL – POWERSEAL ULTRA

## Water-based Clear Water Repellent

### Product Information Sheet (PIS)

#### Product Description

**PHOENIX PAINTS POWERSEAL** is a water-based clear Floor and Wall treatment which is designed for applying over a range of porous and semi-porous floors and walls. **POWERSEAL** prevents water and water-soluble products (e.g. soft drinks, wine, bore water, etc.) from penetrating and staining the surface. **POWERSEAL** is particularly useful for limestone, limestone-based concrete pavers, and other porous surfaces, including bricks, etc.

This information sheet covers both the **POWERSEAL STANDARD** and the stronger version, **POWERSEAL ULTRA**.

#### Product Features:

- Reduces water penetration
- Reduces water-borne staining of walls
- Strengthens and hardens the surface
- Bonds to the surface with no peeling or blistering
- Unaffected by UV
- Does not affect the surface appearance
- Does not affect the surface vapour permeability
- Water-based product
- Non-caustic

#### Product Features and Benefits

**PHOENIX PAINTS POWERSEAL** offers the additional impressive characteristics:

- No solvent or thinners required
- Single pack (no wasted mixes)
- Can be used in confined spaces
- Easy application
- Low odour
- Water Clean Up
- Gives off no fumes or toxic solvents
- No expensive and highly dangerous solvents.
- Non-Flammable



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#### Product Characteristics

Specific Gravity	1.0 ± 0.01
Colours	Clear
Clean up	Water
Coverage rates	Apply 1-2 coats Apply at a rate of approximately 0.5 – 5.0 m <sup>2</sup> /L, Will vary depending on local conditions and floor porosity
Shelf Life	6-12 months (stored in cool, dry, dark conditions)

#### Surface Preparation

##### PREPARATION GENERAL:

1. The surface to be treated should be clean, dry, and free from oil, dirt or any other previous coating.
2. Scrub the surface with neat **FLOORPREP**, wash off with fresh water, and allow the area to fully dry.
3. Any cracks or holes should be filled with a suitable grouting material.

#### Mixing

Stir the **POWERSEAL** thoroughly before use, using either an electric or handheld stirrer.

**WARNING:** Under no circumstances should water be added to the **POWERSEAL**. **DO NOT DILUTE.**

If any splashing occurs, the product should be removed immediately with a water spray or a damp cloth to avoid possible contamination.

#### Application

##### GENERAL:

1. **POWERSEAL** can be applied by brush, spray or roller. The preferred method is saturation flooding using a hand pressure spray or an airless spray unit (for larger areas), or a soft broom.
2. Mask off any other areas which are not to be treated.
3. If any splashing occurs, the product should be removed immediately with a water spray or a damp cloth to avoid possible contamination.
4. **DO NOT** apply **POWERSEAL** if rain, dew, or extreme weather conditions are expected.



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#### HORIZONTAL SURFACES:

1. Flood the surface for 5 to 10 minutes to ensure that the product penetrates the surface.
2. When the first application is about to drain away from the surface, re-flood the area with a second application, allow drying and curing.
3. Any remaining liquid on the surface should be removed after 10 - 15 minutes to avoid an uneven finish.

#### VERTICAL SURFACES:

1. Apply a good wet application
2. As soon as the first application has been absorbed by the surface, a second application should be applied immediately on top as a “wet-on-wet” system.
- 3.

**WARNING:** POWERSEAL penetrates the capillaries and renders the surface water repellent whilst leaving most of the capillaries open to allow water vapour to pass through upwards and evaporate. It reduces water absorption by capillary action.

**Note:** POWERSEAL has a limited resistance to prolonged and sustained contact with water, or under hydrostatic pressure. In some cases where either the substrate is very porous or there is extreme wind-driven rain etc., the resistance to water penetration or water-borne staining may not be adequate.

**WARNING: DURING COLD WEATHER** all Phoenix Paints products must be warmed to 25° to 30°C before the coatings are applied.

**NOTE:** It is strongly recommended to carry out a test on the surface first to establish the most suitable application/spreading rate.

If any **PHOENIX PAINTS** product is being used in conjunction with any other paint or coating we strongly advise to carry out a test patch first to ensure that no adverse reaction occurs.



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#### Drying/Curing

	25°C 50% RH
Touch Dry	60 minutes
Full Cure	24 hours minimum
Light Foot Traffic	24 hours

The initial water repellency will develop after the surface is dry. Full curing may take 24 hours or even longer in humid conditions.

#### Clean-Up

Wash all brushes etc. in water immediately after use, and do not allow the coating to set hard on any of these items.

#### Ordering Information

**POWERSEAL** is available in the following package sizes:

5Litres, and 10 Litres

#### Storage

Keep Product Frost Free and Protect from Freezing

**DO NOT** store any of the above products in work vehicles or vans – the temperatures inside may affect the formulations.

#### Safety Precautions

Please refer to all Safety Data Sheets (SDS) before using this product. SDS sheets can be requested by email at [admin@endurapaint.com.au](mailto:admin@endurapaint.com.au) or on our website at [www.phoenixpaints.com.au](http://www.phoenixpaints.com.au).