

## Technical Data Sheet

# Showerseal

**Clear Penetrative Sealer. Make porous surfaces hydrophobic.**

# Adheseal

*The Adhesive and Sealant Specialists*

## Description

Adheseal Showerseal is a clear, high ph, deep penetrating siloxane/silane solution. Showerseal penetrates deep below porous surfaces and creates a hydrophobic barrier inside the substrate, inhibiting the ingress of water. Showerseal is an effective water barrier solution and prevents leaks without lifting tiles or changing the overall appearance of the surface.

Adheseal Showerseal is therefore a quick, easy and economic method of 'stopping leaks in showers, decks, plinths. Showerseal is able to withstand high ph conditions often found in new concrete, sand / cement beds and lime-based mortars. Showerseal still allows the diffusion of vapour's or 'breathing' ability of the substrate.

## Uses

The properties of Adheseal Showerseal makes it ideal for:

- Treating leaking showers or other wet areas without lifting tiles.
- Protecting external concrete, render, brick, block walls, FC sheeting, sandstone and porous pavers by making them hydrophobic.
- Reducing efflorescence (white salt spotting or leaching).
- Effective water barrier.

## Limitations.

Adheseal Showerseal is NOT suitable for use in the following applications:

- Showerseal cannot bridge cracks.
- Cannot fill voids
- Low density substrates such as sandy and friable surfaces may not allow the Showerseal to create an adequate 'build-up' for Showerseal to form a water barrier.
- Test areas are highly recommended

## Benefits

- Easy to apply.
- Forms a water barrier without changing the overall appearance of the surface.
- Seals water leaks in tiled areas without lifting the tiles.
- Highly economic solution.
- Long lasting protection.
- Rapid drying .
- Dries clear no or low gloss finish.
- Easy to re - coat.

## Acceptable Substrates

- Adheseal Showerseal is suitable for porous substrates such as.
- Tiled showers and other wet areas.
- External tiled areas such as decks, terraces and balconies
- Masonry, Brick, Stone.
- Painted surfaces

Before use a preliminary adhesion test is suggested.

## Precautions in Use

When using the product, risk is considered low if used correctly as intended. When applying Adheseal Showerseal it is strongly recommended that all safety precautions as detailed on the product SDS be followed

Ensure area is well ventilated. In exposed areas, do not apply if rain is imminent and protect coating from rain and inclement weather until fully cured.

Remove any liquid Showerseal from glazed/glass to prevent surface from being etched.

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## Application

### Surface preparation:

All surfaces must be structurally sound stable, dry, clean, and free of dust, loose, flaking, friable material and free from oils, grease, form release agents, curing compounds, and any other surface contamination that may hinder absorption of Showerseal. Substrate must be free from surface water and continual dampness. Concrete must be allowed to cure for at least 28 days. Failure to do so may result in poor penetration and ineffective application.

### General applications and Shower recesses.

Adheseal Showerseal can be applied by brush, roller or sprayed.

Do not use shower for 48 hours prior to application. The dryer the surface, grout and tile bed are the further Showerseal will penetrate the substrate.

Loose or cracked grout, mortar must be replaced and allowed to dry.

Sealants should be removed, and surface thoroughly cleaned and should be replaced with same type of Adheseal sealant after Adheseal Showerseal has fully dried.

After application, do not use the shower for at least 24 hours.

Test areas are important as, although rare, latent salts or other chemicals may cause some discolouration

It is essential that the substrate be well saturated.

When treating walls start spraying at the top, and working your way down the wall ensuring the Showerseal Liquid runs evenly down the wall, saturating the surface.

### Coverage

General coverage rate: 5m<sup>2</sup> per liter.

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

Please note on tiled areas the tiles are generally non porous therefore the only porous area will be the grout.

Shower Recess: 250ml to 500ml is usually sufficient for the treatment of a standard tiled shower recess usually applied in 3 soaking coats.

## Drying and Cure Time.

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

At 25°C and 50% RH (per coat):

Touch dry: 2 to 4 hours

Set: 4 to 8 hours

Full cure: Usually the shower recess can be used after 24 hours to 48 hours after applying the final coat.

Service Temperature: 10°C to 50°C

Application Temperature: 5°C to 30°C

## Clean Up.

Generally brushes and cloths are discarded after use

For cleaning skin use Adheseal Hand Wipes.

## Storage

Adheseal Showerseal should be stored in a cool, dry place. Must be kept clear of all sources of ignition and damage. Product is flammable. Shelf life is up to 12 months in unopened or undamaged containers.

## Colour

Clear

## Packaging

3 & 15Lt pails

## Note:

Before application, refer to all relevant TDS's and SDS's detailed product specifications & application instructions.

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## Specification:

The information contained in this TDS 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. 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.

## Conditions Of Use and Disclaimer:

The information contained in this TDS 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 workman like manner in accordance with the instructions of the TDS 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.

**Health and Safety**

**FIRST AID:** If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone Australia 131 126; New Zealand 0800 764 766). If medical advice is needed, have product container or label at hand.

**SWALLOWED:** If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.

**EYE:** If in eyes, hold eyes open, rinse cautiously with water for at least 15 minutes and see a doctor.

**SKIN:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If irritation occurs seek medical advice.

**INHALED:** Remove from contaminated area. Apply artificial respiration if not breathing. Seek medical advice.

**Danger**

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