



# Pre-Shield

## Technical Bulletin

### Product Description

**Pre-Shield** is a water based impregnating sealer for all natural stones and porous surfaces. It is an excellent water repellent. **Pre-Shield** can be especially used before laying of the natural stones so it does not leave any stains before the appropriate sealer is applied. Pre-Shield sealer can also be used as a grout releaser.

### Packaging

- 5L
- 20L

### Feature & Benefits

- Suitable for pre sealing before laying the tile (Dip Sealing)
- Excellent as a grout release
- Durable penetrating sealer for porous surfaces
- Retains the natural look of the surface
- Allows substrate to breathe
- Easy and quick to apply solution
- Water based solution
- Minimal VOC
- Able to use Inside and Outside
- Australian made and tested for local conditions

### Suitable for

- Porous Natural stones such as:
  - Limestone
  - Sandstone
  - Quartz
  - Marble
  - Granite
  - Travertine
- Brick and other masonry products
- Concrete & Clay Pavers

## NOT Suitable for

- Glazed tiles
- Porcelain Tiles
- Sealed tiles
- Non porous or dense tiles with minimal porosity
- Polished stone

## Coverage

Approximate coverage will depend on the porosity of each surface and the weather condition. Below quote is a guide only.

Two coats recommended.

- Sandstone/Limestone – 6-8 square meters
- Marble/Travertine – 10-12 square meters
- Terracotta/concrete pavers/Granite – 8-10 square meters

## Method of Application

**SDS must be read before opening the product.**

**TEST ON A SMALL INCONSPICUOUS AREA FIRST** – check for colour stability and the desired result

1. Ensure the surface to be thoroughly clean from oils, grease, grout, paint residue, efflorescence or acids.
2. Apply a (1) coat of pre-shield undiluted using an absorbent white cloth, sealer applicator or pump sprayer.
3. Work the product evenly on to the surfaces using a back – forward motion
4. Usually only (1) coat of pre-shield is required, but on very porous surfaces a second coat may be required.
5. **DO NOT ALLOW EXCESS PRODUCT TO DRY ON SURFACE.**

## Precautions

### Test First:

Due to the nature of different surfaces, always do a test first in an inconspicuous area to determine surface colour stability and desired results.

SDS must be read before opening the product. Technical bulleting, SDS and the label must be read before using the product. Read the label and SDS & technical bulletin before using. Apply water based sealer when surface temperature is between 10 to 35 degrees Celsius. Water or moisture must not come into contact with newly sealed areas for at 24 hours of application. Do not apply if rain is imminent.

## Maintenance

The surface needs to be maintained with care. Spills should be cleaned up immediately to minimize absorption. Periodic cleaning of the surface should take place as follows:

- **Rodaux neutral bright-** for regular cleaning
- **Rodaux heavy duty cleaner-** for periodic heavy duty cleaning

## Expected Wear

- The sealer lasts up to 5 years under standard conditions if due care is given, subject to the following conditions.
- The products long term performance and lifetime expectancy can be affected by many factors;
- Location of the surface: In a high-traffic floor area, the impregnator wears away as the stone surface wears down. External surfaces may be subject to natural weather conditions than internal surface therefore reducing the sealers lifetime.
- Maintenance: The surface needs to be maintained with care. Spills should be cleaned up immediately to minimize absorption. Periodic cleaning of the surface should take place.
- Over time the sealers ability to protect the surface is also minimised due to its life span, type of stone and other external factors. Hence, a periodic re-application is necessary. (Based on the manufacturers recommendation and taking into consideration of the above factors.)
- The sealer is not a barrier on the top floor of the surface and will not protect from physical damages such as scratches and chips and also will not prevent ‘etching’ from acid spills.

## Limitations

- Pre-Shield is not a waterproofing agent.
- The sealer must not come into contact with water for at least 24 hours of application
- Pre-Shield must be applied when the surface temperature is between 10 – 35 degrees Celsius
- If underside sealing or dip sealing, only apply one coat of pre-shield
- Pre-shield will not prevent surface ware or etching from acidic chemicals
- Do not allow Pre-Shield to come into contact with any other surfaces other than the intended area to be sealed.

## Storage & Handling

- Close lid of bottle tightly after every use
- Some liquid preparations settle or separate on standing and may require stirring before use
- Clean tools with water and do not reuse container
- Refer to the Safety Data Sheet for further information

## Storage & Handling

Refer to the Safety Data Sheet before handling, opening or using this product.

## Storage & Handling

The information provided in this Technical Bulletin is based on the present state of our best knowledge. The information herein is of a general nature, no assumption can be made as to a products suitability for a particular use of application. The owner / applicator is responsible for checking the suitability of products for their intended use. Suggestion made by Rodaux Surface Care either verbally or in writing may be followed, changed or dismissed at their discretion as the owner/applicator is responsible for carrying out the specific procedure appropriate to the intended application of the surface. Technical Bulletin is subject to change without notice, therefore all applicators should ensure they have current information.