



Water Based Penetrating Sealer

Technical Bulletin

Product Description

Penetrating Sealer is a water based sealer that supplies a durable and transparent surface treatment to all porous Natural stones, Terra Cotta, Concrete and Bricks. Advance formulation gives excellent water and oil repellancy and makes the treated surfaces easy to clean. Use both internally & externally.

Packaging

- 5L
- 15L

Feature & Benefits

- Durable and transparent surface treatment
- Superior water and Oil repellence
- Excellent anti stain properties
- Easy to clean treated surfaces
- Retains the natural appearance of the surface
- Low VOC Formula
- Does not make surface slippery
- Helps protect against efflorescence
- Allows substrate to breathe
- Australian made and tested for local conditions

Suitable for

Ideal and safe for food preparation and serving areas

- Porous Natural Stones
 - Marble
 - Limestone
 - Granite
 - Sandstone
- Concrete and concrete Pavers
- Bricks
- Terra Cotta

Coverage

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

Two coats recommended:

- Travertine honed 8-10 sq. meters per litre.
- Limestone/marble honed 8/10 sq. meters per litre.
- Sandstone 6-8 sq. meters per litre.
- Concrete/ clay pavers' 6-8 sq. meters per litre.

One coat recommended:

- Polished stone / polished porcelain 20 sq. meters per litre.

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. The surface of the facade to be impregnated must be clean and dry.
2. All dirt other substances, such as algae, oils, grease efflorescence or acids must be thoroughly removed.
3. Any water absorbed by the surface during the cleaning process itself must dry thoroughly before application.
4. 2 coats can be applied depends on the porosity of the substrate.
5. Apply water based sealer undiluted using a Lambswools applicator, paintbrush or pump sprayer.
6. The first application should be carried out from the bottom to top to prevent Pre-impregnation due to runoff and in one stroke to prevent overlapping.
7. Ensure that the water based sealer is distributed uniformly (i.e. that the surface is uniformly wetted, the surface should appear wet).
8. The next coat can be applied as soon as the first coat has dry.
9. Any sealer that does not penetrate the surface should be wiped off with a Lambswool applicator or white cloth.
10. Penetrating Water based sealer cures within 24-48 hours. The sealed tiles can be walked on after 1 hour.

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 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 top 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

- Penetrating Sealer will not prevent surface wear or etching from acidic or highly alkaline chemicals.
- Remove any spills or contaminates immediately or within a reasonable time from the surface.
- Penetrating Sealer is not a waterproofing agent.
- Do not allow Penetrating Sealer 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
- Store in a cool place
- Clean equipment and tools with water and do not re-use container.
- Under normal storage conditions, in un-opened containers, product would have a shelf life of 24 months from the date of manufacture.
- Refer to the Safety Data Sheet for further information.

Safety

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

Advance Notice

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 Bulleting is subject to change without notice, therefore all applicators should ensure they have current information.