



# Xtreme Stone Protect 3-in-1 VDW 950

The PHNA Xtreme Stone Protect 3-in-1 is a ready-to-use, water-based impregnation for the hydrophobic (water repelling) and oleophobic (oil repelling) treatment of natural stone and other porous paving units. Can also be used as a pre-treatment before grouting with PHNA jointing compounds to reduce any residual binder film on sensitive paving surfaces. The following are specific details about the product:

- Water-based formula
- Invisible
- For natural stone and concrete pavers
- Grouting relief for subsequent jointing with epoxy binder
- Suitable for use on sensitive stones before jointing to reduce staining
- Hydrophobic - water repellent
- Oleophobic - oil repellent
- Solvent-free



## Technical Data

### Application Temperature

10-26°C | 50-80°F Ambient and surface temp.

### Open to Pedestrian Traffic

After 5 hours at 20°C | 68°F and 65% rel. humidity

### Full Effect

After 24 hours at 20°C | 68°F and 65% rel. humidity

### Duration

Approx. 2 years (dependent on the surface type, level of product absorption, and exposure)

### Density

Approx. 1.0 g/l

### PH Value

Approx. 5

### Consumption

Approx. 50 - 100 sq. ft. per liter | 250 - 500 sq. ft. per unit (Highly dependent on the absorbency of the substrate, and in case of doubt, should be determined by applying a test area first)

### Storage Life

1 year if stored unopened in sealed and undamaged packaging. Must also be kept dry, cool and frost-free.

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# Application Instructions

## for PHNA Xtreme Stone Protect 3-in-1 / VDW 950

### 1. Construction Site Requirements

A clean and dust-free, structurally sound, absorbent and dry paved surface which is otherwise ready for jointing; or with jointing that is fully cured and has no residual resin binder on the surface. Ambient and surface temperatures minimum 10 °C / 50 °F, maximum 26 °C / 80 °F, with dry weather conditions and no rain or heavy dew forecast for at least 24 hours.

### 2. Tools

Low pressure sprayer, brushes, or rollers; sponges to remove any excess.

### 3. Application

The areas to be treated should be completely dry, clean and free from any dirt or contaminants that could prevent or reduce penetration. Apply the Xtreme Stone Protect 3-in-1 with a suitable low pressure sprayer, brush, or roller evenly over the surface to saturation, but avoiding any residual ponding or puddling. Remove any excess with a sponge; this is particularly important on surfaces with uneven absorbency, otherwise localized darkening can occur. Avoid splashes on adjacent materials and remove any spillages immediately with a damp cloth. Suitable PPE should be used, including goggles and gloves etc.

### 4. Curing

Protect area's treated with the Xtreme Stone Protect 3-in-1 from moisture and any other dirt or surface contamination for a minimum of 5 hours before access, 24 hours before use (at 20 °C / 68 °F and 65 % relative humidity). When completely dry, the treated paving can also be pointed with the appropriate PHNA jointing compound, if this was not completed before the treatment.

### How To Guide

