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PERMEABLE HARDSCAPE
North America

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 a few 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

Contact

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Additional information, installation videos,
and a Consumption Calculator can be found
on our website:

www.phna-usa.com

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.



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.