

Product Description

Stone & Porous is a water-based, non-toxic, hydrophobic stone nanocoating that can be applied by spray to porous surfaces. Stone & Porous provides an invisible, water and contamination resistant, UV stable coating that can be applied to a variety of surfaces including: floors, walls, building facades, bridges and monuments. This breathable coating binds to the surface at a molecular level, greatly increasing the lifespan of surfaces while preventing weathering and grime build up.

Intended Uses

Every type of porous surface with a mineral-based origin including:

- Concrete
- Lime stone
- Sandstone
- Concrete blocks
- Porous granite/marble
- Roof tiles/Clay
- Terracotta

Features

- Water-repellent
- Oil-repellent
- Easy-to-clean effect
- Transparent
- UV-stable
- Abrasion resistant
- Resistant to temperature change
- Breathable
- Simple application (do-it-yourself)
- Chemical resistant

Application

Surface Preparation	Ensure a clean, dry surface – pressure washing may be necessary. Any loose debris should be removed and imperfections should be repaired. The coating is only as sound as the substrate.
Application	Apply using spray bottle or HVLP sprayer. Apply until fully saturated.
Dry Time	Less than 2 hours
Cure Time	24 hours
Coverage	30 -200 ml/10ft ² (1m ²) – dependent on absorbency of the substrate.
Removal	Pressure washing greater than 50 bar can remove the coating. The coating is only as sound as the substrate– anything that removes the top layer of the substrate will remove the coating.
Extended Care & Maintenance	Cleaning with water is recommended. Pressure resistant up to 50 bar.

Safety, Handling & Storage

When stored under conditions between 38°F - 86°F (3°C - 30°C) in the original, unopened container, the shelf life is two years. Before using this product, please read the current product Material Safety Data Sheet (available through your sales representative or at www.DryWired.com) and the precautionary statement on the product package. Follow all applicable precautions and directions.

Physical Properties

Property	Solution
Appearance	Slightly Opaque Liquid
Solvent	Water
Odor	Unscented
Density	1.06±.03g/cm ³ at 20°C
Boiling point of solvent	>100°C
Flashpoint	None
System	1-part
pH	3.0 - 5.0 at 20°C (50% in water)
Viscosity	1-10 mPas @ 20°C

Property	Coating
Appearance	Transparent
Coating Thickness	100 - 150 nm
Contact angle (static, water)	>120° (ASTM D7334-08)
Contact angle (static, oil)	>90° (ASTM D7334-08)
Weather Resistance	3,500 hours passed (ISO 11507 A)

Packaging

Stone & Porous is available in:

- 20 liter HDPE tote

Additional Information

To request additional product information or sales assistance, contact DryWired at 1-800-581-4528 or visit www.drywired.com.

All statements, technical information and recommendations contained in this document are based upon tests or experience that DryWired believes are reliable. However, many factors beyond DryWired's control can affect the use and performance of a DryWired product in a particular application, including the conditions under which the product is stored or used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the DryWired product to determine whether it is fit for a particular purpose and suitable for the user's method of application. No warranty or condition, expressed or implied, is given regarding the accuracy of the statements, technical information or recommendations contained in this document. Except to the extent prohibited by law, DryWired will not be liable for any losses or damages arising in any way from the DryWired product including, without limitation, any direct, indirect, special, incidental or consequential damages, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.



US HEADQUARTERS
 9606 S. Santa Monica Blvd. PH
 Beverly Hills, CA 90210

Please recycle. Printed in U.S.A.
 © Drywired 2019. All Rights Reserved.
 T: +1.800.581.4528 | www.drywired.com

03.27.19 | V 2.0.0.