

## **NATURAL SHIELD APPLICATION DIRECTIONS**

**AREA PREPARATION:** Be sure to mask or cover all areas that are not intended to be sealed including, but not limited to door frames, doors, walls and windows.

**SURFACE PREPARATION:** Proper preparation maximizes the product's longevity while minimizing potential failures. In short, the more detail and time allotted to this phase of the project will dramatically affect the appearance and durability of the finished installation.

**Do not use an acid etch or pressure wash as a cleaning method.**

1) Remove foreign materials and loose particulates from the intended application surface with a leaf blower or air pressure.

2) Areas with excess foreign material build up (e.g. older exterior installations) may require cleaning with Native Stone's Neutral Detergent. Mix Neutral Detergent with warm water as per product directions, clean surface in conjunction with a medium bristle brush. Agitate surface to remove any dirt or other foreign material. Flush with water hose (do not pressure wash as this may damage surface) while agitating with bristle brush.

3) Allow surface to thoroughly dry before application.

**TEST AREA:** Always perform a test area on the intended application substrate to confirm appearance and product viability.

**MIXING INSTRUCTIONS: Mixing or agitation is necessary.**

**APPLICATION METHOD:** Native Custom Stone's Natural Shield may be applied via brush, roller, pump up, HVLP or airless spray.

**SPRAY APPLICATION:** A typical pump up sprayer provides an easy, economical method of application. The use of an HVLP or airless sprayer is a viable option for application of product. Spray on in a fine, fog pattern, without spurts or dribbles, to form a thin, continuous film. Avoid excess application as product may run or drip. If runs or drips occur, brush or roll to absorb excess material. Additional applications of Natural Shield may be required to ensure substrate has achieved full saturation.

**ROLLER APPLICATION:** Use a 1/2 inch (heavy textured substrate) or 3/8 inch non-shed roller cover. Natural Shield can be rolled onto substrate via a dip and roll method. Avoid excess application as product may run or drip. If runs or drips occur, brush or roll to absorb excess material. Additional applications of Natural Shield may be required to ensure substrate has achieved full saturation.

**BRUSH APPLICATION:** Utilize traditional bristle brush application for more controlled application to corners, control joints, grout lines, etc. Follow instructions for Roller Application.

**RECOATING:** Natural Shield has indefinite inter-coat adhesion to itself. Older installations or very porous substrates may require additional applications of Natural Shield to ensure substrate has achieved full saturation. Allow initial coat to dry before applying additional coat

**APPLICATION DIRECTIONS:**

	<u>Material</u>	<u>Surface</u>	<u>Ambient</u>	<u>Humidity</u>
Best	60-85°F	65-85°F	65-90°F	10-60%
Minimum	50°F	50°F	50°F	0%
Maximum	95°F	95°F	95°F	80%

Note: Do not apply when substrate has direct sun (high noon).

**REPELLENCY:** Optimal curing condition is 73°F, Relative Humidity 50% and airflow. Repellency begins to develop within 24 hours, completed in 1 week. Beading generally improves with time.

**CLEAN UP:** While Natural Shield is still wet, equipment may be cleaned with soap and water. Once dried, the material may be removed from tooling with a solvent, such as Xylene, Acetone or Toluene

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