



VersaGuard – with InnerCrete™ Membrane Technology TECHNICAL DATA SHEET

PERMANENT, INTERNAL CONCRETE WATERPROOFING, MOISTURE MITIGATION,
PROTECTION & DURABILITY

For Use On:

- Newly cured and existing concrete and Portland-cement-based materials with a bare, untreated surface.
- Indoor / outdoor, vertical / horizontal, above / below ground applications
- Surface profile is retained so substrate can be painted, coated or sealed if desired.
- **Single coat, moisture mitigation treatment prior to coating, painting or sealing.**

Features & Benefits:

- Concrete reactive chemistry creates a permanent, moisture barrier membrane 2-4mm below the surface
- Assists in reducing MVER by 5+ lbs
- Reduces RH by $\geq 10\%$, maintains a consistent pH at the surface
- Retains surface profile for optimal bonding of coatings, patches and leveling materials
- Can be applied to damp or dry concrete

Coverage:

Approximately 150-300 square feet / US Gallon.

(Coverage is based on the condition and porosity of the concrete.)

DO NOT ALLOW TO FREEZE.

DO NOT DILUTE

DO NOT ALLOW TO POOL AND DRY ON SURFACES ONCE APPLIED AS THIS WILL INTERFERE WITH COATING ADHESION. Work any excess into substrate with agitation.

Application Method:

- Low pressure sprayer
- DO NOT ATOMIZE (allow the product to become a mist or suspended in air)

Site Conditions & Preparation:

- VersaGuard should be applied in weather above 5°C
- Always preform a water penetration test to determine if VersaGuard will be able to penetrate the substrate and what surface preparation may be needed prior to application. (Ex. Sealant removal).
- Always preform a small test patch to determine product suitability

- Ensure all areas not to be treated (such as glass, siding, painted substrates, foliage) are properly protected
- **Overspray should be wiped off any of these substrates prior to drying or it will harden on the surface and can affect coating/paint adhesion.**

Surface Preparation:

- Clean surface to remove debris, oil, grease, mold/mildew, stains and any other materials that inhibit the penetration of VersaGuard into the substrate. (WashAway or WashAway Extreme can be used)
- Remove any paint, coating, sealant or curing compound. (Check with your consultant for other products that can perform this function)
- Surfaces can be dry or damp, but should NOT have water pooled on the surface as this will dilute the product.

Application:

- Spray on surfaces with a fan tip using back and forth motions ensuring even and liberal coverage.
- Product will pool on / run down the surface rather than be absorbed when sufficient material has been used.
- Newer, less porous concrete may require some agitation with a stiff bristle (non-metal) brush to assist in penetration and ensure adequate coverage.
- Product should be applied to saturation but not allowed to pool and dry. If product is still pooled on the surface after 20-30 minutes – wipe, brush or wash away.

Dwell Time:

- VersaGuard does not require a dwell or cure time
- Treated surfaces should be left for at least 30 minutes to 1 hour after application so product can be sufficiently absorbed into the substrate.
- If a secondary treatment such as paint, coating or a sealant is to be applied refer to the Manufacturer's Instructions for any subsequent product directions.

Clean-Up:

- Always flush spray equipment especially spray nozzles thoroughly with water after finished.
- Ensure all unused product is stored in closed containers. -

Safety and Personal Protective Equipment:

- Use in well ventilated areas – do not ingest, swallow or inhale
- Standard protect gear should be used; gloves, glasses
- In confined spaces, use a painter's mask.
- Avoid contact with eyes – flush well with water if contact occurs
- If contact with skin occurs – wash off with water.

In Compliance With:

- ASTM C-1315 Standard Specifications for Liquid Membrane Forming Curing Compounds and Curing and Sealing Compounds