



DualGuard – with InnerCrete™ Membrane Technology TECHNICAL DATA SHEET

PERMANENT, INTERNAL CONCRETE WATERPROOFING, PROTECTION & DURABILITY
with SEMI-SACRIFICIAL, MATTE-FINISH REPELLENT

For Use On:

- ✓ Newly cured (28-day) and existing concrete and Portland-cement-based materials with a bare, untreated surface.
- ✓ Indoor / outdoor, vertical / horizontal, above / below ground applications
- ✓ Concrete can be damp or dry – but DualGuard should not be applied on un-cured or newly poured (less than 28-day old) concrete.
- ✓ For surfaces that need additional protection against mold/mildews, dirt/stains, high traffic maintenance protection, oils etc
- ✓ Not for substrates that will be painted, coated or sealed after application.
- ✓ ****PLEASE NOTE:** Once a surface has been treated with DualGuard, immediate application of a paint, coating or sealant is NOT recommended due to the semi-sacrificial sealant that is created by this product. The internal waterproofing of the concrete is permanent; however, the sealant will wear away over time. If paint, coatings or sealants will be applied in the future, the repellency/sealer portion can be removed with **WashAway Xtreme** leaving only the waterproofing component.

Coverage:

150 - 300 square feet / US Gallon (Coverage is based on the condition and porosity of the concrete.)

DO NOT DILUTE. DO NOT ALLOW TO FREEZE.

DO NOT ALLOW TO POOL AND DRY ON SURFACES ONCE APPLIED. Remove excess

Application Method:

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

Site Conditions & Preparation:

- DualGuard should be applied in weather above 5°C
- Always preform a water penetration test to determine if DualGuard 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. If paint, coatings or sealants will be applied after application – **VersaGuard** should be used instead.

- 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.**

Surface Preparation:

- Clean surface to remove debris, oil, grease, mold/mildew, stains and any other materials that inhibit the penetration of DualGuard into the substrate. (**WashAway** or **WashAway Extreme** is suggested)
- Remove any paint, coating, sealant or curing compound. (Check with your consultant for other products such as **DeBOND** or **DeSEAL** that can perform this function)
- Surface can be dry or damp but should not have water pooled on the surface. Product will be diluted.

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 enough product is 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:

- DualGuard does not require a dwell or cure time
- Treated surfaces should be left for 1-2 hours 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