

# DualGuard 45

with **InnerCrete™** Membrane Technology

PERMANENT, INTERNAL PROTECTION MEMBRANE  
with ADDITIONAL SURFACE REPELLANT

**DualGuard 45 was designed to provide maximum concrete protection with an added super repellent for surface water/liquid "beading".**

## PRODUCT DESCRIPTION:

**DualGuard 45** - with **InnerCrete™** Membrane Technology, modifies the concrete to create a permanent and consistent membrane from 2mm to 4mm below the surface. This proprietary technology creates an impermeable barrier that is the most effective solution to **permanently protect concrete and other cement-based materials from coating delamination, water penetration, hairline cracking, surface abrasion and erosion, stains and odors, micro-organism growth, efflorescence, dusting, chemical attack and other destructive environmental elements.** The addition of a super surface repellent creates visual water repellency at the surface.

**DualGuard 45** provides dual protection; the internal membrane and the surface repellent. Permanent protection is achieved by the integral **InnerCrete™** Membrane which lies beneath the surface of the concrete. Visual surface repellency and protection is achieved through the super repellent.

## RECOMMENDED USES:

**DualGuard 45** - with **InnerCrete™** Membrane Technology, is for use on:

- New and existing concrete and cement-based materials with a bare surface
- For indoor and outdoor applications
- Vertical and horizontal surfaces
- Surface on which visual water "beading" is desired. (Eg. Patios, pool decks & entrance ways)

## PACKAGING:

US 5 gallon (18.9L) pail  
US 45 gallon (170.1L) drum

**COVERAGE:** 150 square feet/US gallon

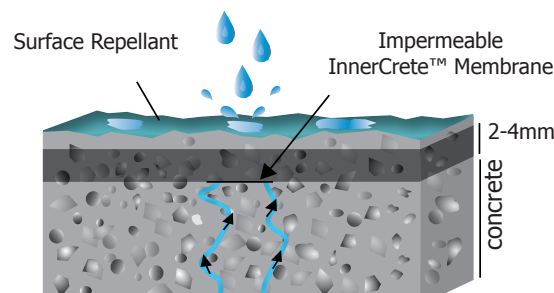
## FEATURES

- No VOC's
- Fully biodegradable, non-toxic and eco-friendly.
- Permanent - no need for reapplication
- Maintains concrete breathability
- Ready to use and easy application
- Natural look of the concrete is maintained
- Improved concrete durability and longevity
- Significant reduction in maintenance and costs
- Cost effective

## QUESTIONS?

Tel: **604-464-0660**  
Toll free: **1-877-464-0662**

or visit  
[www.innercrete.com](http://www.innercrete.com)



**PREPARATION & SITE CONDITIONS:**

Surface to be treated must be clean and free of paint, coatings, surface sealants and contaminants which block the penetration of **DualGuard45** into the concrete. Surfaces can be wet or dry, but wetting the surfaces with water first will result in less product being used. If treating horizontal surfaces, water or liquids should not be pooled on the surface as this will dilute the product.

**DualGuard45** should be applied in weather above 5 degrees celcius.

**APPLICATION:**

**DualGuard45** - with **InnerCrete™** Membrane Technology, should be applied with a low pressure sprayer, working from side to side to ensure complete surface coverage. Surfaces should be well saturated and product will not absorb when sufficient product has been used. If treating a vertical surface, start at the bottom, spraying horizontally back and forth working up the wall. Surfaces with low absorption rate may require agitation (scrubbing) to assist in product penetration. Do not dilute the product.

**ACTIVATION PERIOD / DWELL TIME:**

Product begins activation immediately and will continue to react in the presence of water. Results will be noticeable within 24 hours.

**MAINTENANCE:**

No special maintenance required. Clean surfaces as needed.

**STORAGE:**

**DualGuard45** - with **InnerCrete™** Membrane Technology, should be stored in a cool, dry environment. Protect from freezing. All containers must be sealed properly when stored.

**HANDLING & DISPOSAL:**

All containers must be secured during transport to prevent damage. Lids, caps and closures must be tightened during transport and storage to avoid spillage.

**DualGuard45** is fully biodegradable. Neutralizing and dilution with water will be required to meet local waste or sewage disposal requirements. Seek advice on local authority requirements before disposal. Spills should be contained and disposed of under the same requirements. Do not mix with other materials.

**HEALTH & SAFETY:**

Refer to the warning statements on the product container to ensure proper handling and application. Avoid contact with eyes and skin. Wash with water and thoroughly rinse eyes if contact occurs. Wear eye protection and clothing suitable for prolonged contact and exposure to chemicals. Use in areas with adequate ventilation. Product is harmful if swallowed.

**PHYSICAL PROPERTIES:**

Physical State - Liquid  
Color, Odor - Clear, None  
SG - 1.2  
Flash Point - N/A  
VOC - None

Protocol Concrete Protection Products  
and proprietary  
InnerCrete™ Membrane Technology  
developed and owned by

**PROTOCOL**  
Environmental Solutions Inc.

#105B 81 Golden Drive  
Coquitlam, British Columbia  
V3K 6R2  
Canada

Tel: 604-464-0660  
Toll free: 1-877-464-0662

[www.innercrete.com](http://www.innercrete.com)

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