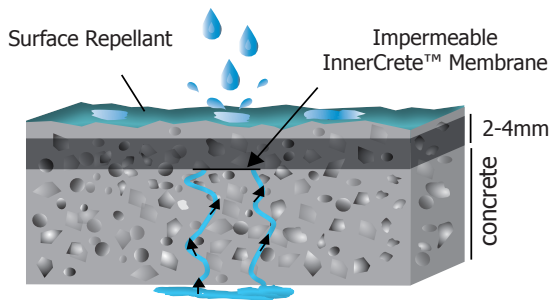


DualGuard 45

with InnerCrete™ Membrane Technology

PERMANENT, INTERNAL PROTECTION MEMBRANE
with ADDITIONAL SURFACE REPELLANT

“Protecting Concrete from the Inside...Out”



DualGuard 45 - with InnerCrete™ Membrane Technology, modifies the concrete to create a permanent and consistent membrane from 2mm to 4mm below the surface with a water repellant at the surface.

DualGuard45 provides maximum concrete protection with an added super repellant for surface water/liquid “beading”.

It is the most effective, *eco-friendly* solution to protect concrete and other cement-based materials from:

- Water Penetration
- Hairline Cracking
- Efflorescence Prevention
- Chemical Attack
- Environmental Factors
- Stain and Odor Prevention
- Surface Abrasion & Erosion
- Mold and Mildew Prevention
- Re-bar Corrosion
- Dusting

DualGuard 45 is for use on new and existing concrete and cement- based materials with a bare untreated surface.

For indoor/outdoor, vertical and horizontal surfaces where maximum concrete protection is required and visual surface water repellency is desired.

APPLICATIONS:

- Any concrete surface where internal protection and surface repellency is desired
- Architectural surfaces, facades and entrances
- Pools decks and patios
- Stadiums, arenas and public facilities
- Building envelopes
- High traffic areas (Eg. Stairwells, ramps and walkways) where frequent cleaning maintenance is needed
- Washrooms, showers and public use areas
- Commercial and industrial plants and facilities



DualGuard 45

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Benefits

- No VOC's
- Fully biodegradable, non-toxic and eco-friendly
- Permanent - no need for re-application
- 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

Application

Use a low pressure sprayer (such as a garden sprayer). Using back and forth motions, to ensure total coverage, spray the surface until saturated. Product should start to run slightly rather than be absorbed when sufficient material has been used.

DualGuard 45 should be applied in temperatures above 5 degrees celcius.

Coverage

150 square feet / US gallon

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

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Surface Preparation

Surface must be clean and free of any paint, coating or surface sealant which blocks the penetration of the product into the concrete. Surface can be wet or dry however, wetting the surface first is preferable as less product will be needed. If treating a horizontal surface, water should not be pooled as this will dilute the product.

Maintenance

No special maintenance required. Maintenance and chemical use will be reduced as dirt, oils and contaminants are unable to penetrate the concrete.

DualGuard 45

Permanent	yes - with super surface repellent
Main Use	Concrete protection with surface water repellency
Impermeable to Water	Yes
Affected by External Factors (ie. UV, abrasion)	No
Contains VOCs	No
Paintable	Yes, with conditions
Application	Low-pressure sprayer
Required Surface for Application	Bare concrete / cement-based materials
Surface Profile Maintained	Yes
Reapplication Needed	No
Visual Surface Repellency	Yes

Safety

Avoid contact with skin and eyes. Flush with water if contact does occur. Use standard safety precautions when using any chemical. Use in areas with adequate ventilation.

Packaging

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