

## DESCRIPTION

DuraForce(τ) is a water-based liquid topical densifier that increases the density and abrasion resistance on concrete flooring. The formula is chloride free and is recommended for both interior and exterior use. The result is the creation of additional hydration products penetrating the multitude of capillaries, therefore densifying the slab during the curing process. DuraForce(τ) is non-toxic and volatile organic compound (VOC) free.

## PROPERTIES

Physical State	Liquid
Abrasion Resistance ASTM C779	Increased Wear Resistance
Abrasion Resistance ASTM C944	Increased Wear Resistance
Odor	Odorless
Color	Hazy Whitish Liquid
Turbidity	60-70
Freezing Point	32°F (0°C)
Boiling Point	212°F (100°C)
VOCs	0.0 g/L
Active Solids	20-25%
pH	11-12
Specific Gravity	1.09-1.13

## FEATURES & BENEFITS

- Permanent increased surface density
- Solidifies within the concrete mass
- Mitigates dust from the concrete
- Compatible with all types of coverings
- VOC Compliant

## APPLICATIONS

- Interior and exterior slabs-on-ground
- Industrial warehouse/distribution centers
- Automotive plants
- Heavy duty traffic
- Manufacturing plants
- Transfer stations

## MIXING INSTRUCTIONS

DuraForce(τ) standard coverage rate is 500 square feet per gallon. The application recommended is a clean/fresh tip, high-volume, low-pressure pump sprayer at 40–70 psi with a dispense rate of 3-5 gallons per minute. Apply after the bull floating process and at the beginning of the first combination and/or panning pass by finishing machines. Hold tip 18-24 inches above the concrete surface while moving side to side in a uniform pattern to achieve distribution. Do not over apply and do NOT allow ponding at the slab surface. If additional moisture is needed during the finishing process, use DuraForce(τ) as a finishing aid. The slab shall be finished to a mirrored/burnished finish.

## PACKAGING & STORAGE

DuraForce(τ) is available in 275 gallon totes, 55 gallon drums, 15 gallon minidrums, and 5 gallon buckets.

Store product above 32°F (0°C) and never allow to freeze. Do not store in direct sunlight for long periods nor in unopened containers. DuraForce(τ) is water-based and significant evaporation could occur if not protected from excessive heat or sunlight. It has no shelf-life if stored properly in original, unopened packaging material. However, it is recommended that all product be used within one year of purchase for best results.

## GENERAL SPECIFICATIONS

The dosage rate for DuraForce(τ) is applied at 500 square feet per gallon. However, a specific dosage rate should be established by the project engineer or government agency for a given application based on project conditions and requirements. DuraForce(i) shall be added per project specifications or engineer's instructions.

## SUSTAINABILITY

DuraForce(τ) is HPD v2.2 certified and may contribute up to 1 point on LEED projects.



*As used herein, the term "FullForce" shall refer to FullForce by ABC Polymer Industries, LLC, and its subsidiaries.*

*FullForce warrants that its DuraForce(i) for 12 months from the date of manufacture or for the duration of the published product shelf life, whichever is less, that at the time of shipment by FullForce, the product is free of manufacturing defects and conforms to DuraForce(i)'s product properties in force on the date of acceptance by FullForce of the order. FullForce shall only be liable under this warranty if the product has been applied, used, and stored in accordance with DuraForce(i)'s instructions, in force on the date of FullForce's acceptance of the order. Full warranty information by request at (205) 620-9889 or sales@FullForceSolutions.us.*