

## PRODUCT DESCRIPTION

**Duratec 700i** is a water-based, spray applied acrylic glass particle coating system which has been developed to achieve excellent penetration, adhesion, and easy to maintain decorative finish.

**Duratec 700i** has been designed to provide a surface treatment which has excellent waterproofing, durability, UV stability, impact resistance, and long-term performance.

**Duratec 700i** spray-on is available in a wide range of color blends.

## Duratec 700i Features

- Excellent protection against fading or leeching of oxides in concrete
- Excellent adhesion to multiple sub straights including concrete, concrete block, drywall, brick, tile, fiberglass and durarock
- Excellent exterior color retention
- Good resistance to staining - including grease and oil. Excellent resistance to staining and impact with topcoat.
- Improved hardness and flexibility
- Seamless
- Rapid drying with reduced recoating downtime
- Resistance to hot tire pick up after full cure
- Low odor, Low VOC, and non-flammable
- Water clean up
- Non-slip finish
- Semi-smooth to textured finish

The information contained herein is based on data believed by Coating & Binding Technology to be accurate. However, we do not assume any liability for the accuracy of this information. All such information is used at the customer's own risk since conditions of use are beyond our control and responsibility. All materials may present unknown health hazard, and the user is responsible for meeting all applicable safety, health, and environmental standards. Determination of suitability of any information or product for an intended end use, with respect to feasibility and / or patent infringement, is the sole responsibility of the user. Read the Safety Data Sheet before using this product.

### Safety Precautions

Observe all Occupational and Health Safety (OH&S) precautions.

Refer to the relevant Safety Data Sheets (SDS) for product safety related information.

For further information and support: CBT: 913.278.0327

Adequate surface preparation is necessary and varies depending on the sub straight. For further information and support, contact your CBT representative.

### Chemical Type

Water based durable acrylic hybrid with colored glass particles pH: 7-8.0 Total VOC (g/L): 5 – 7% Solubility: In water Minimum film forming temperature 50°F Minimum Dry Film Thickness: 35 mils

### Coverage/Spread Rate

Coverage will depend on the porosity and roughness of the surface. To maximize performance, do not spread more than 150 sq. ft. per kit.

### Packaging

20-pound, 5-gallon short filled pail and 25-pound bag of glass aggregate.

### Storage

Store in cool, dry location. Avoid contact with direct sunlight and heat.

### Shelf Life

One year in original packaging when stored at 77°F

### Substrate Recommendations

All types of concrete, footpaths, paving, driveways, tilt slab construction, asbestos and cement sheeting, wood, cement board, block walls, pattern paving, stamped and slate impression paving, stencil paving, MDF, bricks, drywall & tile.

**\*NOTE:** NOT SUITABLE for same day coating on green cured concrete.

**NEW CONCRETE:** A minimum of 28 days curing is required, longer in cooler climates prior to coating.

### Mixing/Thinning

Pour resin into new clean bucket and pre-drill for thirty seconds. Add entire components of glass aggregate and stir/mix until uniform. **NO DILUTION** is recommended.

**Duratec 700i** is recommended for NEW, OLD, COATED or UNCOATED surfaces. Surface must be clean and dry. Remove dust, laitance, grease, curing compounds, bond breakers, waxes and any other contaminants. High pressure water blast (Min. 3000 psi) to remove efflorescence, dust and contamination. Clean all new concrete in accordance with TDS guidelines. (This includes: smooth concrete, hardened surfaces, slate impression, polished or ground concrete, stone dust and color hardened concrete, steel toweled concrete and smooth toweled joint and border lines.) All previously coated surfaces must be mechanically prepared before application. Etching, grinding or acid wash and/or a combination of preparation may be required before application. Ensure all dust or chemical solutions are 100% removed from surface before application. High pressure water (Min. 3000 psi) to remove efflorescence dust and contamination. All stains including oil and grease, chewing gum, food, silicon and other contaminants should be cleaned and removed using degreaser. Allow to dry completely before application.

**NOTE:** Allow a minimum of 28 days for concrete to cure prior to coating.

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## Application

**Duratec 700i is SPRAY APPLIED** - Coating all surfaces including fully cured concrete:

After suitable surface preparation is completed, apply one coat of Duratec 700i. Spray apply in small circular motions ensuring slight wet appearance to the coated surface. Apply a second coat in same manner as first coat to ensure slight wet appearance (observing recoat times as touch dry between coats.) If over coating a dark surface color with a light color, a third dust coat might be required. DO NOT apply Duratec 700i late in the day as the risk of surface damage caused by dew and condensation increases.

## Drying Time

- Curing time is dependent on ambient temperatures
- Touch Dry: 30 minutes @ 77°F in direct sunlight

## Recoat

1 to 2 hours, at cooler temperatures or higher humidity drying times will be extended.

## Clean-Up

Protecting Our Environment is important to CBT: Clean up with warm fresh water or dispose of equipment. Do not pour left over Duratec 700i down drains or in dumpsters. Unused Duratec 700i should be kept in a sealed container and then disposed of via special waste collection services. Empty containers should be left open in a well-ventilated area to dry out. Dispose of empty containers in accordance with local authority guidelines.

## First Aid

- Refer to the appropriate Safety Data Sheet (SDS) for further information.
- **For medical emergencies only, call: 911**
- In case of eye contact, flush thoroughly with water for at least 15 minutes.
- In case of skin contact, wash affected areas with soap and water.
- Remove and wash contaminated clothing.
- If inhalation causes physical discomfort, remove to fresh air. If discomfort persists, any breathing difficulty occurs, or if swallowed, seek immediate medical advice.

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## Warranty

CBT warrants for a period of one (1) year that its products will be free of manufacturing defects and will be in conformity with published specifications when handled, stored, mixed, and applied in accordance with recommendations of CBT. If any product fails to meet this warranty, the liability of CBT will be limited to replacement of any non-conforming material if written notice containing full details of the non-conformity is given to CBT within (1) one year of delivery of materials. CBT may in its discretion refund the price received by CBT in lieu of replacing the material. CBT does not authorize anyone on its behalf to make any written or oral statements which in any way alter CBT's warranty or installation and storage information or instructions in its product literature or on its packaging labels. CBT reserves the right to inspect the non-conforming material prior to replacement. CBT MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES AND DISCLAIMS THE SAME, INCLUDING, WITHOUT LIMITATION, FAILURE OF THE PRODUCT DUE TO ACTS OF GOD, FLOODING, EXTREME OR ABNORMAL TEMPERATURES, HUMIDITY AND MOSITURE, STRUCTURAL CONDITIONS, SITE PREPARATION AND CONDITIONS, ACCIDENTS, DAMAGE CAUSED BY INSTALLATION OF MACHINERY, EQUIPMENT OR FIXTURES WITHOUT ADEQUATE FLOOR PROTECTION OR WITHOUT ADEQUATE TIME FOR CURING, FAILURE TO COMPLY WITH CONDITIONS OF USAGE, VANDALISM, NEGLIGENT OR INTENTIONAL ACTS OF THIRD PARTIES OR OTHER CASUALTIES.

KEEP CONTAINER TIGHTLY CLOSED. KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY. FOR PROFESSIONAL USE ONLY.

For further information and advice regarding transportation, handling, storage and disposal of chemical products, users should refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety related data. Read the current actual Safety Data Sheet before using the product. In case of emergency, call CHEMTREC at 1-800-424- 9300.

All specifications and properties specified above are approximate. Specifications and properties of material delivered may vary slightly from those given above. CBT makes no representations of fact regarding the material except those specified above. This information is provided in good faith and free of charge, Final determination of the suitability of the material for the use contemplated is the sole responsibility of the Buyer.