

GLAZETOP

Polyaspartic Coating – Clear or Tint Base

PRODUCT DESCRIPTION

Glazetop is a state of the art, high solids, and UV stable, aliphatic elastomeric polyaspartic coating. Polyaspartics are a sub-class of polyureas. Glazetop displays a low odor during placement and cure.

TYPICAL USES

Glazetop can be used in conjunction with many substrates including cementitious polymer modified overlays, concrete, steel and resinous floors to protect or service cold storage areas, food service preparation areas, beverage service areas, decorative entry foyers, high traffic areas, parking decks, promenade decks and roof decks

ADVANTAGES

- Glazetop displays a low odor during placement and cure. It offers fast turnaround times. Glazetop's properties make it one of the very best sealers for maintaining and preserving elaborate decorative finishes. Glazetop is extremely color stable and displays excellent UV weathering characteristics.
- Low odor. High elongation. High tear strength. Excellent abrasion resistance. Displays excellent UV resistance. High gloss finish.
- Available through Miracote distributors

COVERAGE RATES

225-250 ft² at 6-7 mils wet film per coat.

PACKAGING

7744-1GCA	Glazetop Clear Polyurea Finish Coat (A – gal can)
7745-HGCB	Glazetop Clear Polyurea Finish Coat (B – ½ gal can)
7744-2GPA	Glazetop Clear Polyurea Finish Coat (A – 2 gal pail)
7745-1GCB	Glazetop Clear Polyurea Finish Coat (B – 1 gal can)
7744-5GPA	Glazetop Clear Polyurea Finish Coat (A – 5 gal pail)
7745-5GPB	Glazetop Clear Polyurea Finish Coat (B – 5 gal pail)
7746-1GCA	Glazetop Tint Base Polyurea Finish Coat (A-1 gal can)
7747-HGCB	Glazetop Tint Base Polyurea Finish Coat (B-2 gal can)
7746-2GPA	Glazetop Tint Base Polyurea Finish Coat (A-2 gal pail)
7747-1GCB	Glazetop Tint Base Polyurea Finish Coat (B-1 gal can)
7746-5GPA	Glazetop Tint Base Polyurea Finish Coat (A-5 gal pail)
7747-5GPB	Glazetop Tint Base Polyurea Finish Coat (B-5 gal pail)
7248- Colors	ColorPax-U (Unit) Special Colors
7249-Colors	ColorPax-U (Unit) Standard Colors

MIX RATIO

By Volume:
 Clear mix Comp. A 2 to Comp. B 1
 Tint Base with ColorPax-U
 Comp. A 1.75 to Comp. B 1 to ColorPax-U 0.25

SHELF LIFE AND STORAGE

Shelf life will be one year from the date of manufacture as long as containers remain unopened and when material is stored in a protected environment that is free from moisture, excessive heat and freezing temperatures, and direct sunlight.

TYPICAL PHYSICAL PROPERTIES @ 75F (24C)

Tear Strength	900 lbs/in
Flexibility ASTM D1737.....	Passes 180 degree bend. 1/8" Mandrel
Tensile Strength ASTM D412.....	2,400 psi
Tensile Elongation ASTM D412.....	100%
Taber Abrasion ASTM D4060.....	8 mg loss (CS17 Wheel. 1000g Load. 1000 Cycles)
Impact Resistance ASTM D2794.....	Direct 160in/lbs Reverse 160in/lbs
Hardness ASTM D2240 Shore A.....	85-90
Solid Percent by Weight (mixed).....	91%
Solid Percent by Volume (mixed).....	89%
Gloss ASTM D523.....	90+
Dry Time 50% relative humidity.....	Surface Dry 4.0 hrs. Hard Dry 6.0 hrs.
Pot Life 50% relative humidity.....	25 min
Coefficient of Friction ASTM D2047.....	Dry 0.67 Wet 0.82
Microbial Resistant ASTM G21.....	Passes Testing 1

Chemical Resistance Test Procedure

The tabulation of chemical damage is intended as a good general guide only. Much more extensive tables of chemical resistance are available from Crossfield, including tests conducted on reagents at higher temperatures, etc. The Crossfield laboratories are available to conduct specialty testing on particular chemicals under simulated service conditions. (See Chemical Resistance Chart)

Chemical Resistance Chart

ACIDS (Organic)	Rating	Weight Change
Citric Acid (1%)	NA	+5%
Lactic Acid (10%)	D	+17%
ACIDS (Mineral)		
Sulfuric Acid (10%)	NA	+6%
Sulfuric Acid (30%)	C	+100%
SOLVENTS		
Isopropyl Alcohol (99%)	C	+90%
ALKALIS		
Sodium Hydroxide (10%)	NA	+2%
Sodium Carbonate (2%)	NA	+5%
Sodium Hypochlorite (5%)	NA	+3%
MISCELLANEOUS COMPOUNDS		
Mineral Oil	NA	<1%
Vegetable Oil	NA	<1%
Aviation Gasoline	NA	+10%
Diesel Fuel	NA	+4%

Rating System

NA = No Attack
 D = Deglossed But no Physical attack
 C = Chemical Damage

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OVERVIEW OF INSTALLATION STEPS

(Please refer to the following and contact Miracote with questions)

- **Surface Preparation** - Apply over a sound acceptable concrete substrate with a minimum CSP-4.
- **Mixing** – use a slow to medium speed mixing paddle, mix for three minutes, avoid introduction of air or deep vortex.
- **Application** – Apply at the recommended spread rate and wet film thickness.
- **Finish** – Slight stipple or smooth finish obtainable.

For Best Results

Install a minimum 4' by 4' test area site mock up for approval of acceptable color, texture, finish, adhesion, and any other critical requirement acceptable to the owner prior to proceeding with the installation.

Verify current versions of product technical data sheets (PTDS), material safety data sheets (MSDS), and installation guidelines (IG) at www.miracote.com.

Protect materials from excessive heat and cold and regularly check wet film thickness with mil gauge and monitor consumption to ensure correct application thicknesses and rate are obtained.

LIMITATIONS

- Do not apply over moving cracks, joints, or unsupported gaps. If surface cracks after the coating is applied, the cracks can reflect through.
- Do not apply over working joints, expansion joints, or construction joints.
- The proper application of this product is the sole responsibility of the end user. *Job site visits by Miracote representatives are a support service only and are not participatory in the quality or performance of the contractor.* Supervision and quality control of work and contract are the sole responsibility of the contractor and user.
- Measure surface and ambient temperatures to assure application is within the acceptable range.

Moisture vapor transmission (MVE) in excess of 3.0 lbs./1000 sq ft per 24 hr. period per ASTM F1869-04, may result in delamination, discoloration or improper curing. Use Miracote MVERS™ II Primer vapor control membrane over substrates, which have MVE emissions that exceed these limits. Consult with Crossfield prior to using MVERS II™ Primer if moisture vapor transmission exceeds 15 lbs/1000 sq/ft/per 24 hr period per ASTM F1869-04

PRODUCT AVAILABILITY

Crossfield Products Corp. maintains offices and/or factories at all addresses listed below. Products can be purchased through many building materials distributors.

MAINTENANCE

Depending on a number of various factors including weather conditions, location, UV exposure, vehicular vs. pedestrian traffic, your maintenance schedule will change. Please consult your local Miracote Representative for proper instructions.

SPECIFICATION ASSISTANCE

Consult Crossfield Products Corp. for specification assistance, detailing, etc. This consultation is highly recommended prior to specification.

TESTING

The technical data contained herein is the result of tests made in Crossfield's laboratories or in independent laboratories using small scale equipment, following generally accepted trade practices. Although this information is believed to be true and accurate, the use of different equipment for testing under dissimilar conditions or the testing of samples produced under dissimilar conditions may develop substantially different results.

LIMITED WARRANTY

NO WARRANTY SHALL BE EFFECTIVE UNTIL THE TERMS AND CONDITIONS OF SALE SET FORTH IN CROSSFIELD PRODUCTS CORP. INVOICES ARE MET.

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CAUTION: ALWAYS KEEP OUT OF THE REACH OF CHILDREN.



MIRACOTE PRODUCT LINE Crossfield Products Corp.

West Coast Office
3000 E. Harcourt Street
Rancho Dominguez, CA
90221
310-886-9100
310-886-9119 fax

East Coast Office
140 Valley Road
Roselle Park, NJ
07204
908-245-2800
908-245-0659 fax

www.miracote.com