



## GLAZETOP XT

### Clear or Pigmented Polyurea/Polyaspartic/Polyurethane Topcoat

#### 1. PRODUCT DESCRIPTION

##### A. COMPOSITION

Glazetop XT is a state of the art hybrid consisting of a specially blended polyurea/polyaspartic/polyurethane coating system. It is high solids, UV stable, aliphatic elastomeric hybrid. Glazetop XT displays a low odor during placement and cure. It offers fast turnaround times. Unlike most commercially available polyurea topcoats, Glazetop XT hybrid does not require the use of plural component spray apparatus, Glazetop XT has been specially formulated to have a working time of 20 minutes with a hard dry in 3 hours at 75°F (24°C). It is available in clear and pigmented.

When fully cured Glazetop XT will provide added durability to most types of floors such as CQ Epoxy Floors, Micro-Topping, Mirastamp, Miraflake, stained cementitious overlayments and more. Glazetop XT's properties make it one of the very best sealers for maintaining and preserving elaborate decorative finishes.

Glazetop XT is extremely color stable and displays excellent UV weathering characteristics.

##### B. TYPICAL USES

Glazetop XT adheres well to many substrates including cementitious polymer modified overlays, concrete, steel and resinous floors. The balance of fast turn around time, excellent abrasion resistance, flexibility and elongation is well suited for various harsh applications. Some typical floor applications include: Cold storage areas, food service preparation areas, beverage service areas, decorative entry foyers, high traffic areas, promenade decks and roof decks.

##### C. ADVANTAGES AND LIMITATIONS

###### ADVANTAGES:

1. Fast cure.
2. High elongation.
3. High tear strength.
4. Excellent abrasion resistance.
5. Displays excellent UV resistance.
6. High gloss finish.
7. Installed only by Professional Factory Trained Miracote Contractors.

###### LIMITATIONS:

1. Rapid cure means a corresponding short working time, may require additional crew members to maintain wet edge.
2. This coating displays excellent abrasion resistance and physical properties but can still be cut. Proper precautions should be taken to eliminate sharp objects from "slicing" the coating.
3. May show hot temperature tire staining when autos, trucks or aircraft are parked on coating. Not recommended for garage floors, parking decks or aircraft hangars.

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

#### 2. TYPICAL PHYSICAL PROPERTIES at 77°F (24°C)

A. Tear Strength ASTM D624, Die C	879 lbs/in
B. Flexibility ASTM D1737	Passes
180 degree bend, 1/8" Mandrel	
C. Tensile Strength ASTM D412	2,400 psi
D. Tensile Elongation ASTM D412	100%
E. Taber Abrasion ASTM D4060	8 mg loss
(CS17 Wheel, 1000g Load, 1000 Cycles)	
F. Impact Resistance ASTM D2794, Direct	160in/lbs
Reverse	160in/lbs
G. Hardness ASTM D2240 Shore A	85-90
H. Solid Percent by Weight (calculated)	95%
I. Gloss ASTM D523	90+
J. Dry Time 50% relative humidity	Surface Dry 1.5 hrs
	Hard Dry 3.0 hrs
K. Pot Life 50% relative humidity	20 min
L. Coefficient of Friction ASTM D2047	0.67 dry
(slip resistance with leather footwear)	0.82 wet
M. Microbial Resistant ASTM G21	Passes
N. Chemical Resistance ASTM D1308	
(See Chemical Resistance Chart)	

#### 3. OVERVIEW OF INSTALLATION STEPS

- A. Miracote Installation Guideline IUH 271 describes installation procedure, substrate preparation, tools, equipment and materials required or recommended.
- A. Prepare surfaces by removal of laitance, grease, foreign matter, etc. Repair damaged concrete or provide sloping using Miracote Underlayment.
- B. Apply C Bondcoat Type II Primer
- C. Apply Glazetop XT 225 sq. ft. per gallon.

#### 4. PRODUCT AVAILABILITY

Miracote Products/Systems are available from Authorized Miracote Distributors or from Crossfield Products Corp.

#### 5. SKID RESISTANCE and CLEANABILITY

In general the more aggressive the finished surface the greater the coefficient of friction and corresponding skid resistance, the more difficult to clean. The smoother the finished texture the easier the surface is to clean, but there is a loss of skid resistant properties.

## 6. CLEANING

Cleaning and disinfecting compounds and cleaning techniques can affect the color, gloss, texture and performance of the system. As a precautionary step, Crossfield recommends that the end-user test their cleaning and disinfecting compounds on a sample or on a small, out of the way finished area, utilizing the intended cleaning technique prior to cleaning the entire surface area. If no deleterious effects are observed, the procedure can be continued. If the cleaning and disinfecting compounds or cleaning techniques damage the system, modification of the cleaning material or techniques will be required. Contact your Representative for additional information.

## 7. SPECIFICATION ASSISTANCE

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

## 8. CHEMICAL RESISTANCE

See Crossfield Products Corp's., Chemical Resistance Guidelines for chemical resistance of a product or system, as well as the types of test performed:

- ASTM C868 Standard Test Method for Chemical Resistance of Protective Lining.
- ASTM C267 Standard Test Method for Chemical Resistance of Mortars, Grouts, and Monolithic Surfacing and Polymer Concretes.
- ASTM D1308 Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Organic Finishes
- Crossfield Products Corp. Proprietary Testing

Note: Chemical resistance is a functional test, usually limited to changes in weight or thickness measured in loss or gain and does not evaluate subject aesthetic issues. To determine aesthetic issues, Crossfield recommends testing the products or system in accordance with intended end use.

## 9. 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.

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**CAUTION: ALWAYS KEEP OUT OF THE REACH OF CHILDREN.**



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