



# MiraFlor Glazetop 85

## Product Technical Data Sheet

*MiraFlor Glazetop 85* is a state-of-the-art, high solids, two-component, UV-stable, aliphatic polyaspartic resinous coating. The use of special equipment or plural component spray apparatus is not required when mixing and applying *Glazetop 85*. It is conveniently mixed and applied using conventional protective coating application methods.

*MiraFlor Glazetop 85* is ideal for use in a vast variety of flooring applications. These include as a finish/sealer coating over decorative cementitious microtoppings and stamped overlays, conventional concrete and other resinous floor coatings. It is also an excellent choice for use in vinyl flake and color quartz broadcast system applications. *Glazetop 85* is available in clear and can be mixed with Miracote ColorPax-U pigment pack additive to produce a variety of vibrant colors for a protective coating with superior UV stability, gloss retention and weathering characteristics.

### WHERE TO USE

- Protective topcoat for cementitious overlays & microtoppings.
- Optional topcoat for quartz and flake broadcast systems.
- Protective coating for concrete, steel and resinous floors.
- Pharmaceutical plants and warehouses
- Hospitals and healthcare facilities
- Prisons and correctional institutions
- Stadiums and arena's
- Shower and locker rooms
- Cafeteria's and food service facilities

### ADVANTAGES

- Excellent chemical and abrasion resistance.
- Displays superior UV resistance and stability.
- Resistant to hot tire pick-up.
- LEED-compliant and fast cure time.
- Meets USDA, FDA, OSHA standards.
- Available in high gloss.
- Excellent for interior and exterior exposure.
- Accepts synthetic media for slip resistance.
- Minimizes floor care and maintenance costs.

### THEORETICAL COVERAGE RATES

200 -350 sq. ft. per gal.

Dependent on surface profile and the specific type of application.

### PACKAGING and COLORS

Kit Sizes: 2 gallon, 10 gallon

Component A: 1-gal, 5-gal units

Component B: 1-gal, 5-gal units

Available in clear

Pigment with Miracote ColorPax-U

Refer to Miracote Standard Color Chart #543

### MIX RATIO

#### Glazetop Clear:

Comp. A: Comp. B = 1 to 1 by volume.

### SHELF LIFE AND STORAGE

One year from the date of manufacture as long as containers remain unopened and material is stored in a protected environment free from moisture, excessive heat, freezing temperatures, and direct sunlight.

### TYPICAL PHYSICAL PROPERTIES @ 75F (24C)

Viscosity (mixed).....	600 cps
VOC.....	<100 g/L
Solids Content.....	85%
Pot Life 50% RH (1-gallon mass) .....	10-15 mins
Dry Time 50% RH .....	Tack Free ..... 8.0 hrs. Light Traffic..... 8-10 hrs.
Recoat Time.....	8-24 hrs.
Tensile Strength ASTM D412 .....	7,000 psi
Tensile Elongation ASTM D412.....	8%
Gloss ASTM D523.....	90+
Chemical Resistance (Refer to Chemical Resistance Chart)	

### OVERVIEW OF INSTALLATION STEPS

• **Surface Preparation** – All surfaces must be clean, sound, dry and free from any bond inhibiting substances including, but not limited to, grease, oil and any other contaminants or loosely adhered materials. For concrete substrates, a minimum surface profile of a CSP-2 or higher is required depending on overall substrate conditions and coating requirements.

• **Mixing** – *MiraFlor Glazetop 85* polyaspartic resin components must be mixed mechanically using a low-speed drill (300-450 rpm) until blended with a “Jiffy-type” or similar Miracote-approved mixing paddle. Empty entire contents of component A and component B into a clean mixing vessel. Mix for approximately 3 minutes keeping the mixing head fully immersed at all times. At least once when mixing, stop to scrape down the sides and bottom of the pail to ensure thorough blending of both components. If not mixing full units, each component must be pre-mixed individually ensuring uniformity prior to use. Once completely mixed and in observance of pot life, dispense material immediately from the pail to the substrate.

• **Application** - Pour out mixed *Glazetop 85* in a long ribbon across the properly primed concrete surface or other type of substrate. Spread evenly with a flat squeegee, and back-roll with a high quality, phenolic core, industrial grade 3/16” to 1/4” maximum nap roller to achieve mil consistency.

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### FOR BEST RESULTS

- Always 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 and download current versions of product technical data sheets (PTDS), material safety data sheets (MSDS), and installation guides (IG) at [www.miracote.com](http://www.miracote.com).
- Protect materials at all times from excessive heat and cold, and pre-condition to room temperature as necessary.
- Regularly check wet film thickness with mil gauge and monitor consumption to ensure correct application rates are obtained.
- The proper application of this product is the sole responsibility of the end user. Job site visits by Miracote representatives are only for the purpose of making recommendations, and do not assume any liability for supervision or quality control.
- Measure surface and ambient temperatures to ensure the material is only applied when surface temperatures range between 50°F (10°C) and rising, not to exceed 90°F (32.2°C) during placement and cure time.

### LIMITATIONS

- Installed product forms a vapor barrier after cure.
- Not intended for use on exterior concrete slabs-on-grade, sandwich membrane topping slabs, or unvented pan deck slabs.
- Measure substrate temperatures to ensure that material is applied only when temperatures are between 50°F (4.5°C) and 90°F (32.2°C) during placement.
- Concrete must be minimum age of 21-28 days, depending on curing and drying conditions.
- Maximum allowable moisture vapor transmission (MVT) of 3.0 lbs./1000 sf./per 24 hr. period per ASTM F1869 (CaCl Testing).
- Maximum allowable moisture vapor transmission (MVT) of 75% RH as per ASTM F2170 (RH-Relative Humidity Testing).
- Use MiraPrime MVERS Plus epoxy moisture mitigation primer over concrete substrates that have MVT emissions that exceed these limits.

### 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.**



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**MIR.291  
MIRAFLOR GLAZETOP 85  
03-31-2020**