



### HD 100 SEALER – High Semi Gloss

#### PRODUCT DESCRIPTION

Miracote HD 100 Sealer is a very low VOC blend of proprietary acrylic resins and solvent in dispersion specifically formulated to be resistant to oil, grease, brake fluid, salt, calcium chloride, limited caustics, dilute acids, kerosene, alcohol and abrasion. HD 100 Sealer is a superior, stain and mar resistant sealer that is truly resistant to tire marking, and is readily cleanable using conventional methods.

#### WHERE TO USE

- Over Miracote MPC and Colorbond XL
- For use over concrete or masonry surfaces
- Terrazzo
- Flagstone
- High traffic areas
- Driveways, patios, pool decks, garage floors, loading docks, balconies, decks, etc.

#### ADVANTAGES

- Long wearing, durable, abrasion resistant
- Good Hot Tire Mar Resistance
- Cleanable, easy to maintain
- Excellent weathering characteristics
- Chemical Resistant.
- Available in high gloss or matte finishes – select when specifying

#### COVERAGE RATE

250 – 300 sq. ft. per gallon

#### PACKAGING

7630-LG HD 100 Sealer – High Semi Gloss (5 gallon pail)  
7631-LG HD 100 Sealer – High Semi Gloss (1 gallon can)

#### MIX RATIO

Single component, use as supplied

#### 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 store in a protected environment that is free from moisture, excessive heat and freezing temperatures, and direct sunlight.

#### MAINTENANCE

Scrubbing with mild sud detergent solutions, light power washing or water rinsing can clean HD 100 Sealer. Reseal as necessary, approximately every two to five years depending on traffic, usage and ultraviolet exposure.

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

<b>Vehicle Type</b> .....	Acrylic dispersion in solvent
<b>Cleaning Solvents</b> .....	Xylene or Toluene or Acetone
<b>Color</b> .....	Colorless, High Semi Gloss
<b>Physical Properties</b>	
Weight Solids.....	22.5%
Weight per gallon.....	7.3 lbs./gal.
Viscosity .....	50 cps.
Flexibility .....	Good
Weather Resistance .....	Excellent
Abrasion .....	Excellent
<b>Curing Time (77°F)</b>	
Dry to touch .....	30 minutes
Re-coat .....	1 hour
Open to Light Traffic .....	4 hours
Full Cure .....	16-24 hours
Hot Tire .....	7 days
Routine Maintenance .....	48 hours
<b>Leveling Ability</b> .....	Excellent
<b>Flash Point</b> .....	80°F
<b>Flammability</b> .....	Combustible
<b>FDA</b> .....	Complies for use when Dry

#### OVERVIEW OF INSTALLATION STEPS

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

- Use required safety gear, face/breathing mask, eye and skin protection when handling this product.
- Thoroughly clean the surface to be treated by removing all surface contaminates, including grease, dirt and oil.
- Apply in one or two very thin coats by spray, brush, roller or lamb’s wool applicator. Allow for losses due to application methods, surface porosity and texture. Application area is to be well ventilated.
- Application rate over concrete surfaces varies with surface porosity, profile and texture. Standard spread rate is 250-300 feet per gallon.

#### 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](http://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.

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### LIMITATIONS:

- Must be applied to clean, dry substrates.
- Due to solvent content, must be applied over compatible substrates only.
- Not recommended over many acrylic thin film paints, sealers or coatings – Application can be accomplished following special manufacturer's instructions when application is over Miracote coatings, stains or sealers.
- Exterior exposure life is less than interior exposure life.
- Avoid flash set conditions, very porous substrates, damp or wet conditions, MVT above 3 lbs/per 1000 sq. ft., puddles, high wind, dew, salt or heavy nap rollers when application requires the use of Miracote HD 100 Sealer.

### PRODUCT AVAILABILITY

Crossfield Products Corp. maintains offices and/or factories at all addresses listed below. Factory Trained Contractors are established in all major trading areas in the United States, Canada and various European, Latin American and Far East nations.

### MAINTENANCE

For maximum sheen and cleanability, floor should be routinely treated with conventional maintenance finish followed by ordinary buffing.

### SPECIFICATION ASSISTANCE

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

### SLIP RESISTANCE and CLEANABILITY

In general, the more aggressive the finished surface the greater the coefficient of friction and corresponding slip 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.

### 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.

### 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.**

Crossfield Products Corp. warrants to the purchaser of its products that such products are free from manufacturing defect. Crossfield does not warrant or guarantee the workmanship performed by any person or firm installing its products. Crossfield's obligation under this warranty is limited solely to the original purchaser and solely to the remedy of replacement in kind of any product which Crossfield sold which may prove defective in manufacture within one year from date of installation, provided said product was stored correctly and installed within the product's shelf life, by the original purchaser and which Crossfield's examination shall disclose to Crossfield's satisfaction to be thus defective.

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



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