



Product Information Sheet

MIRACOTE[®] HD W SEALER

A. PRODUCT DESCRIPTION

A. COMPOSITION

Miracote HD W Sealer is a VOC compliant, water-based dispersion specifically formulated for excellent chemical and abrasion resistance, including exposure to oil, grease, brake fluid, salt, calcium chloride, limited caustics, dilute acids, kerosene, and alcohol. Advanced chemistry offers improved adhesion to cementitious, tile and glass substrates. HD W Sealer offers superior performance for water-based formulations with resistance to blushing, whitening or blistering.

B. TYPICAL USES

HD W Sealer is a superior, time tested, stain and mar resistant sealer that resists tire marking and is easy to clean using conventional methods. HD W Sealer is recommended for use over concrete or masonry surfaces and over Miracote's Mirastamp and Multipurpose Protective Coating products to improve resistance to certain chemicals and to provide a tough, durable high "gloss" or low "matte" sheen sealed finish. HD W Sealer is also used as a sealer for concrete, terrazzo, flagstone or other masonry surfaces. It is particularly durable in high traffic areas. HD W Sealer is also used on driveways, patios, pool decks, garage floors, loading docks, balconies, decks, etc.

C. ADVANTAGES AND LIMITATIONS

ADVANTAGES:

1. Long wearing, durable, excellent weathering characteristics.
2. Abrasion and chemical resistance.
3. Good hot tire mar resistance.
4. Excellent early wet and dry adhesion.
5. Low temperature film formation (10 mils @ 38°F).
6. Cleanable, easy to maintain.
7. Wet or dry aesthetic appearance – select when specifying.
8. Available in high gloss or matte finishes – select when specifying.
9. Meets SCAQMD and Federal VOC requirements.

LIMITATIONS:

1. Must be applied to clean, dry substrates.
2. Must be applied over properly prepared, compatible substrates only.
3. Exterior exposure life is less than interior exposure life.
4. Miracote HD W Gloss is a required first coat when application calls for HD W Matte sheen. Always apply HD W Matte as a second coat over HD W Gloss.
5. 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 W Matte.

2. TYPICAL PHYSICAL PROPERTIES at 75°F (24°C)

- A. **Vehicle Type**..... Water-based Solution
- B. **Cleaning Solvent**..... Mild Soap & Water
or dilute "Simple Green"
- C. **Color**..... Clear or Matte Clear
- D. **Physical Properties**
Flexibility:..... Good
Weather Resistance:..... Excellent
Abrasion:..... Excellent
- E. **Curing Time (77°F)**
Dry to touch:..... 30 minutes
Re-coat:..... 1 hour
Open to Light Traffic:..... 4 hours
Full Cure:..... 16-24 hours
- F. **Leveling Ability**..... Excellent
- G. **Flash Point**..... > 100°F
- H. **Flammability**..... Combustible
- I. **FDA**..... Complies for use when Dry

3. INSTALLATION

Use requires safety gear and eye and skin protection when handling this product.

- A. Thoroughly clean the surface to be treated by removing all surface contaminants, including grease, dirt and oil.
- B. 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.
- C. Application rate over concrete surfaces varies with surface porosity, profile and texture. Standard spread rate is 250-300 feet per gallon.

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

4. 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.

5. 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.

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. MAINTENANCE

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

8. SPECIFICATION ASSISTANCE

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

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.

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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