



DURALON

*Water Based Sealer
for Concrete and Stone*

1. Product Description

a. **Basic Use:** Duralon is a water based, VOC compliant sealer designed for use over concrete, stone and cement based terrazzo. When applied to properly cleaned concrete, it bonds tenaciously and forms a continuous, impermeable film. Because the product is a water-based formulation, it is safe to use and can be applied in existing facilities without the operation problems associated with solvent-based sealers. Duralon is excellent for sealing floors of all types but may also be used on walls, columns or exterior concrete.

b. **Features/Benefits:**

- Tougher than standard curing and sealing compounds.
- Seals floors for easy cleaning and mopping.
- Prevents penetration of water, hydraulic fluids, grease, and mild chemicals.
- Eliminates dusting of porous floor surfaces.
- Water-based for safe, nearly odor free application in on-going operations.
- Suitable for use on stone and terrazzo.
- Gives a clear, glossy finish - re-coatable within one hour.

c. **Typical Applications:** Warehouses, manufacturing plants, hallways, pavements, walls and stone surfaces.

d. **Limitations:** Do not use below 45°F (7°C).

e. **Composition:** Duralon is a proprietary resin formulation using water as a carrier.

f. **Color/Appearance:** Duralon appears milky white when applied but gives a clear, glossy finish after drying.

2. Packaging

Duralon is available in 1-gal. (3.8 liter) jugs (4 jugs per case), 5-gal. (18.9 liter) pails, and 55-gal. (208 liter) drums.

3. Estimating/Yield

Coverage is at the rate of 400 sq. ft./gal. (9.8 sq. m/liter) for the initial coat and 500 sq. ft./gal. (12.3 sq. m/liter) for a second coat. Textured or porous surfaces will reduce coverage rates.

4. Technical Data

a. **Solids:** 25%

b. **Dry Film Thickness:** 1 mil (0.03 mm) at 400 sq. ft./gal. (9.8 sq. m/liter).

c. **Drying Time:** 1 hour

d. **Re-Coat Time:** 1 hour

e. **Traffic Resumption:** Overnight

f. **Compatibility:** Check for compatibility with carpet tile adhesives or glues. Most are compatible but a test area is recommended. Contact Metalcrete Industries for additional guidance.

5. Directions for Use

a. **Preparation:** Old concrete must be cleaned of any oil, grease, or loose debris. Scrub floor with a high-alkaline cleaner to remove all free dust. New concrete should be at least seven days old.

b. **Ambient Conditions:** Duralon should be applied at concrete and air temperatures of 45°F (7°C) or higher. High relative humidity may delay drying. Proper ventilation will reduce drying time.

c. **Material Application:** Duralon may be applied by roller, sprayer (hand or power) or lambs wool applicator. Use directly out of the container and apply uniformly and evenly. Avoid heavy build-up. Lap material within 15 minutes for best results. Follow recommended coverage rates.

d. **Clean-Up:** Clean up tools and equipment with Waterzall Concentrate and water.

e. **Storage/Shelf Life:** Duralon is non-combustible and is stored safely in any heated warehouse. Do not allow to freeze in storage. Shelf life is one year.

f. **Maintenance:** Duralon will wear off over time under traffic. Periodic reapplications are recommended.

6. Availability

Duralon is normally available immediately from your local distributor or it will be shipped within 5 working days upon receipt of order. Please contact your local Metalcrete representative or call Metalcrete directly for more information.

Metalcrete Industries

4133 Payne Avenue • Cleveland, Ohio 44103
440-526-5600 • 800-526-5602 • FAX 440-526-5601

7. Warranty

Duralon is manufactured in strict accordance with the quality control standards of Metalcrete Industries. It is guaranteed to perform as indicated on this data sheet when applied by competent applicators.

8. Technical Service

Metalcrete technical service representatives are available to provide on-site assistance with a minimum three day notice.



Metalcrete Industries 4133 Payne Avenue • Cleveland, Ohio 44103
440-526-5600 • 800-526-5602 • FAX 440-526-5601