



DYC7940AB

DOUBLE DOWN 2-PART EPOXY SEALER

7940 Data Sheet

CHARACTERISTICS

Double Down Epoxy Sealer is a two component 100% solids epoxy sealer designed for applications requiring high durability, chemical and impact resistance. With a hardness factor greater than concrete, Double Down will protect and preserve the surface while providing enhanced durability and scuff resistance.

RECOMMENDED USES

For use on all interior concrete, block and masonry surfaces.

FEATURES/BENEFITS

- Industrial grade strength.
- Self-Leveling properties for a smooth “glass-like” finish.
- Resists heavy traffic, corrosion, and chemicals.
- Recommended for indoor use only.
- Low odor and solvent-free.
- Can be used as a durable clear coat over painted surfaces.

SPECIAL NOTES

Part A (Epoxy) must be used with Part B (Activator).

FOR ADDITIONAL INFORMATION

See SDS or call toll-free 1-800-282-7901.

TECHNICAL DATA

Vehicle Type..... Epoxy
 Finish/Sheen..... High-Gloss
 Solids by Weight..... 100%
 Solids by Volume..... 100%
 Viscosity..... 2,000 CPS
 Dry Time..... 4 to 6 hours
 Dry Time to Recoat..... 2 to 3 hours
 Cure for Heavy Traffic... 10 to 12 hours
 Full Functional Cure 18 hours
 Handling Time..... 1 hour
 VOC (less exempt solvents) 0 g/L.
 Weight per Gallon 9.23lbs.

COVERAGE

100 Sq Ft. /Gal @ 12 mils.
(Actual coverage may vary depending on type of substrate, and application method.)

KEY ATTRIBUTES

Application Temperatures: 60 - 90 °F
 Application Tools: Brush, roller, or spray.
 Thinner: Xylene or Lacquer Thinner
 Clean Up: Xylene

PHYSICAL PROPERTIES

Perm <10 Perms
 Tensile Strength 6,000 PSI
 Flash Point..... > 245 °F
 Flexural Strength 6,000 psi
 Cure Hardness..... 80D
 Temperature Resistance ... 265 °F
 Impact Resistance 50 Inch pounds Direct
 Compressive Strength 10,000 psi
 Abrasion Resistance..... 23 mg loss (Taber
 Abraser CS-10 wheel with 1000 gram load and
 1000 cycles)





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DOUBLE DOWN 2-PART EPOXY SEALER 7940 Precautions & Application Guide

DIRECTIONS FOR USE: All concrete surfaces must be cleaned and etched as directed.

CLEANING: Remove all foreign contaminations; i.e., oils, grease, stains, mastic, etc. Cleaners for oils, grease and wax must penetrate into the substrate, float the contamination to the surface where it can be washed away. Use 4-6 oz. tri-sodium phosphate, or soilax, per gallon of water. Scrub into the concrete and allow to penetrate for 5-10 minutes. Do not allow cleaning mixture to dry before flushing away with water completely. If cleaning mixture is allowed to dry on surface it will leave a residue that can prevent adhesion, repeat until all embedded oils are removed.

ETCHING: After cleaning, acid etch with Muriatic Acid. This does not clean the concrete, it only opens the surface to obtain proper adhesion. Mix one part acid and three parts water (coverage 300-400 sq. ft. per gallon mix). Scrub into the surface with broom and allow to foam. Do not allow acid mixture to dry. Flush completely with water and allow to dry. If a residual powder remains that can be scraped with a knife, repeat etching and rinsing process. Avoid contact with skin. Use goggles and rubber gloves to protect eyes and skin. In case of contact, flush immediately with water.

REPAINT SURFACES: Double Down Epoxy Sealer will not give maximum durability if applied over old paint which gives indication of future chipping or peeling. Old paints should be removed by sand blasting, if not test in several places before application. If test indicates no evidence of lifting, peeling, etc. it is reasonably safe to proceed with application. If removal is found necessary, follow with etching process referenced above.

APPLICATION: Mix part A with entire contents of Parts B. Stir thoroughly using a drill mixer. Mix only the amount to be used immediately.

Apply with brush, roller, or spray to achieve an even coat. Mixed material must be used in 1 hour or gelation (solidification) will occur. Time to gel (pot life) will vary with temperature. High temperatures will significantly reduce pot life.

COVERAGE: First coat 100 sq. ft. per gallon. Actual coverage rates will vary widely depending on surface and application techniques.


PRECAUTION: Wear protective clothing and eyewear during application of this product. Do not transport on passenger seats or inside passenger compartment of any vehicle. Store product in cargo area of vehicle, and secure with protective cloths to prevent accidental spill damage. Do not store at temperatures above 100 °F (37 °C). Do not use in drinking water or food systems.

FIRST AID: If swallowed, gently wipe or rinse the inside of the mouth with water. Water may be given if person is alert. Do NOT induce vomiting. Get medical attention immediately. If skin/eye contact occurs, flush the affected areas with warm water for at least 15 minutes. Remove contact lens. A mild soap may be used on skin if available. If inhaled, remove from area to fresh air. If breathing is difficult, get medical attention immediately. Take SDS or label information.

CAUTION!

HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. USE WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY. KEEP CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

VOC: 0 g/l.

 **CALIFORNIA PROPOSITION 65**
WARNING: Cancer and Reproductive Harm
- www.P65Warnings.ca.gov

Safety Data Sheet available upon request.



Sun Paints & Coatings / Dyco Paints • 5850 Ulmerton Road • Clearwater, FL 33760
Phone: 1.800.282.7901 • Facsimile: 727.536.0561 • www.SunPaintsAndCoatings.com

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