



FLOORSAVER SUPREME

Two-Part Penetrating Epoxy Sealer for Hardening Concrete

1. Product Description

a. **Basic Use:** Floorsaver Supreme is a two-part, penetrating epoxy system designed to fill the capillaries and pore structure of concrete slabs. Through a chemical reaction and gluing together of the cement matrix, Floorsaver Supreme can overcome the effect of a soft, dusting surface as well as provide a barrier to water, salts, mild acids, and hydraulic fluids. Floorsaver Supreme improves the wear resistance of dusting floors and weak pavements.

b. **Features/Benefits:**

- Reacts within the concrete surface for maximum toughness.
- Densifies floor surfaces for prevention of dusting and easier cleaning.
- Good for both inside and outside applications.
- Protects parking decks from salt water penetration.
- Easy to mix and apply.
- Hardens soft, weak concrete surfaces.

c. **Typical Applications:** Warehouses, manufacturing plants, parking decks, docks, terminals, silos.

d. **Limitations:** Extremely hard troweled floors may prevent penetration. Do a test area first. Do not apply over curing compounds or other surface membranes. Use at 45°F (7°C) or higher. Floorsaver Supreme may yellow slightly under ultraviolet exposure.

e. **Composition:** A two-part epoxy system with a hydrocarbon solvent carrier.

f. **Color/Appearance:** Floorsaver Supreme dries to a clear, glossy membrane.

2. Packaging

Floorsaver is available in 2-gal. (7.6 liter) and 10-gal. (37.8 liter) units.

3. Estimating/Coverage

Coverage will depend on surface texture and porosity. On broomed or floated finishes, use at 200 sq. ft./ gal. (4.9 sq. m/liter). Troweled or smooth surfaces should be estimated at 300 sq. ft./ gal. (7.4 sq. m/liter).

4. Technical Data

- a. Solids: 40%
- b. Pot Life: 2 hours
- c. Drying Time: 4 hours
- d. Re-coat Time: 4 to 6 hours
- e. Flash Point: 108°F (42°C).
- f. Ultraviolet Resistance: Fair
- g. Alkali Resistance: Excellent
- h. Solvent Resistance: Good
 - i. Gasoline Resistance: Excellent

5. Directions for Use

a. **Preparation:** Concrete must be clean and free of any oil, grease, dust, or debris. Surfaces should be power washed or scrubbed with mechanical scrubbers.

b. **Ambient Conditions:** Concrete must be dry. Use Floorsaver Supreme at 45°F (7°C) or above.

c. **Mixing:** Floorsaver Supreme is supplied in a 1 to 1 mixing ratio. Mix equal parts of Part A resin, with Part B hardener. Use a mechanical drill and Metco Jiffy mixing blade and blend for 2 to 3 minutes. Allow to set for 15 minutes after mixing to enhance chemical reaction, and then re-mix for two additional minutes.

d. **Application:** Spray, flood, or broom material on to slab surface. Spread evenly and uniformly at recommended coverage rates. Avoid puddling. Workers should wear protective masks and gloves.

e. **Clean-Up:** Use DL Solvent to clean tools and equipment.

f. **Storage/Shelf Life:** Store in areas approved for solvent based materials. Shelf life is one year.

g. **Maintenance:** Floorsaver Supreme will not necessarily permanently harden severely dusting floors. Repeated applications may be warranted from time to time if dusting starts to occur again.

6. Availability

Floorsaver Supreme 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.

7. Warranty

Floorsaver Supreme 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