

SUPER EUCO-TOP

METALLIC FLOOR TOPPING



DESCRIPTION

SUPER EUCO-TOP is an iron aggregate floor topping, combining graded iron aggregate, cement, and chemical agents. The iron aggregate is clean and completely free of oil, grease, and oxidation. **SUPER EUCO-TOP** affords tremendous resistance to high impact and abrasion conditions. It provides excellent surface durability for critical areas of a floor which cannot be closed to traffic easily or economically.

PRIMARY APPLICATIONS

- Head-frame floors
- Mill floors
- Haulage ramps
- Maintenance garages for heavy duty equipment
- Crusher station floors
- Loading pocket areas
- Ore transfer areas

FEATURES/BENEFITS

- Provides and impact resistant wearing surface with greater strength than standard EUCO-TOP.
- Gives up to 8 times the abrasion resistance of plain, cured concrete.
- Iron aggregate is free of rust, oil, and non-ferrous materials.
- Dense surface resists penetration of oil, grease, and many other liquids.
- Virtually non-dusting in service.
- Easy to clean and maintain.
- Economical to own over the life of the floor.

TECHNICAL INFORMATION

Typical Engineering Data

Compressive Strength

ASTM C 109 2" (50 mm) Cubes

Age	Strength
1 day	7,000 psi (48.3 MPa)
3 days	9,000 psi (62.1 MPa)
7 days	10,000 psi (69.0 MPa)
28 days	12,000 psi (82.8 MPa)

Flexural Strength ASTM C 78:

28 days	1,800 psi (12.4 MPa)
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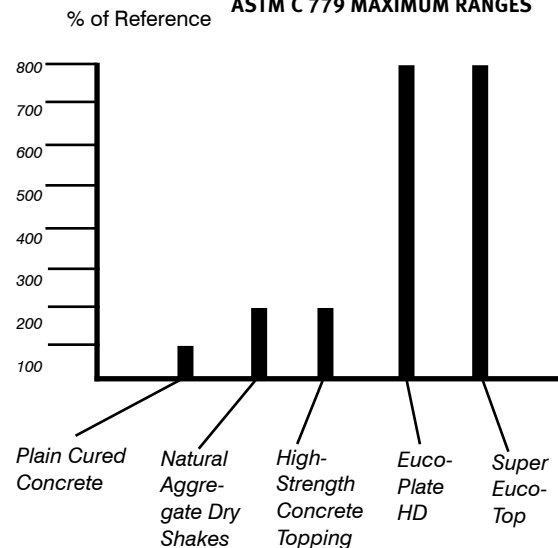
Appearance: **SUPER EUCO-TOP** is an iron aggregate topping which has a very dark gray appearance after installation. The final troweled appearance can be any texture consistent with that expected from concrete and should be specified by the owner.

PACKAGING/YIELD

SUPER EUCO-TOP is packaged in easy to use 50 lb (22.7 kg) bags with polyethylene liners for moisture protection. Material is shipped on pallets, 64 bags per pallet. Also available in 3300 lb (1497 kg) bulk bags suitable for mixing in ready mix trucks for large topping placements.

One 50 lb (22.7 kg) bag will yield 0.23 ft³ (0.007 m³) of mixed topping or enough material to cover 2.75 ft² (0.25 m²) at a 1" (25 mm) thickness when mixed with 0.5 gal (1.9 L) of water.

RELATIVE ABRASION RESISTANCE ASTM C 779 MAXIMUM RANGES



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SHELF LIFE

1 year in original, unopened package.

COVERAGE

Monolithic Application

9 lb/ft² (45 kg/m²) at 1/2" (13) min

18 lb/ft² (90 kg/m²) at 1" (25)

37 lb/ft² (180 kg/m²) at 2" (51) max

Two Course Bonded Application

14 lb/ft² (68 kg/m²) at 3/4" (19 mm) min

18 lb/ft² (90 kg/m²) at 1" (25 mm)

37 lb/ft² (180 kg/m²) at 2" (51 mm) max

DIRECTIONS FOR USE

For complete technical information, application assistance or approved applicator recommendation, please contact your local Euclid Chemical Company representative.

PRECAUTIONS/LIMITATIONS

- Do not use material at temperatures below 45°F (7°C).
- No heavy traffic until the product has cured.
- Do not use over air-entrained concrete when placing monolithically.
- Do not use over concrete containing calcium chloride or chloride based admixtures.
- Proper curing and sealing is required.
- Not for use in areas subject to de-icing salts or chemical attack.
- Store in a dry place.
- In all cases, consult the Material Safety Data Sheet before use.

ADDITIONAL INFORMATION

For more information on the use of SUPER EUCCO-TOP, or any other Euclid Chemical product, contact The Euclid Chemical Company Mining and Tunneling Division at 1-800-321-7628, extension 8395.

WARRANTY: The Euclid Chemical Company ("Euclid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Euclid, no other representations or statements made by Euclid or its representatives, in writing or orally, shall alter this warranty. EUCLID MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Euclid product fails to conform with this warranty, Euclid will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid's installation information or instructions in its product literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid's products for the Buyer's intended purposes.