



METCO ANTI-SKID AGGREGATE

Skidproofing Aggregate

1. Product Description

a. **Basic Use:** Metco Anti-Skid Aggregate is intended for use as a skidproofing compound that may be incorporated into both liquid coating systems and fresh concrete. It is designed for light to heavy-duty applications where slip-resistance is critical. Metco Anti-Skid Aggregate also provides floor surfaces with additional abrasion resistance and withstands impact from heavy repetitive loads.

b. **Features/Benefits:**

- Versatile formulation allows for use in coatings or fresh concrete.
- Eliminates excessive exertion, muscular strains and sprains caused by insecure footing.
- Affords safe, sure, efficient footing and dependable traction even under oily or soapy conditions.
- Prevents slips, skids, falls, injuries and damages.
- Provides steady, firm grip for all types of footwear - leather, rubber or composition.
- Weatherproof - equally effective winter or summer, indoors or out.
- Waterproof - is unaffected by moisture and retains positive traction despite rain, dew, condensation or other water conditions.
- Wear proof - Maintains slip resistance even under heavy trucking and continual foot traffic.

c. **Typical Applications:** Floors, trucking aisles, loading docks, stair treads, stairway landings, step ladders, ramps, boat decks, metal loading plates, gang planks, truck and bus steps, running boards, catwalks, swing stages and gates, scaffolds and platforms.

d. **Limitations:** Do not use Metco Anti-Skid Aggregate over asphalt, linoleum, or rubber tile floor coverings.

e. **Composition:** Metco Anti-Skid Aggregate is formulated with non-slip, high-traction, aluminum oxide abrasive aggregate.

f. **Color/Appearance:** Metco Anti-Skid Aggregate gives a textured surface.

2. Packaging

Metco Anti-Skid Aggregate is packaged in 50-lb. (22.7 Kg) moisture resistant bags.

3. Estimating/Yield

Coverage rates will vary depending upon severity of abrasion and loading. Shown below are recommended application rates per 100 sq. ft. (9.3 sq. m):

Use	Coating	Concrete
Light Duty	15 lbs. (6.8 Kg)	25 lbs. (11.3Kg)
Medium Duty	20 lbs. (9.1 Kg)	40 lbs. (18.1 Kg)
Heavy Duty	25 lbs. (11.3 Kg)	50 lbs. (22.7 Kg)

4. Technical Data

a. **Chemical Analysis:**

Aluminum Oxide	60-70%
Ferric Oxide	20-28%
Silicon Dioxide	3-6%
Titanium Dioxide	4-7%
Calcium Oxide	1-3%

b. **Specific Gravity:** 3.5 ASTM C 127

c. **Hardness:** 8 - Moh's Scale

5. Directions for Use

a. **Skidproofing (Coating):** Apply coating of Lexite, Diamite, and/or Diathane coatings systems onto the base substrate in accordance with recommended instructions. Metco Anti-Skid Aggregate should be broadcasted into the coating while it is still fresh. Continue broadcasting until an excess of Metco Anti-Skid Aggregate remains standing on the surface. Remove excess granules or aggregate by thoroughly sweeping with a stiff broom or vacuuming. Reapply additional Lexite 100, Diamite or Diathane coating to lock all aggregate in place.

b. **Skidproofing (Concrete):** Ideal skidproofing aggregate application should take place after the initial floating of the base concrete using a power trowel with float shoes. However, other site conditions such as no roof, wind, low relative humidity and/or low concrete water content may dictate earlier application. Apply Waterhold to help prevent rapid moisture loss. Each bay of the placement should have the proper number of bags preplaced along the slab for accurate coverage. Remove any significant free standing bleed water with a dragged rubber hose prior to skidproofing aggregate application. Apply 2/3 of the total skidproofing aggregate evenly and uniformly over the slab

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surface. Mechanical spreader application is preferred but hand or shovel methods can also be effective. Float the skidproofing aggregate into the slab surface after it has wetted out. Follow immediately with the remaining 1/3 of the skidproofing aggregate and repeat the procedure.

c. **Maintenance:** Inspect Metco Anti-Skid Aggregate surfaces regularly for excessive wear in heavy traffic areas. Re-apply as needed.

6. Availability

Metco Anti-Skid Aggregate is normally available immediately from your local distributor or it will be shipped within 5 working days upon receipt of order. Custom colors may take up to 8 working days before shipping. Please contact your local Metalcrete representative or call Metalcrete directly for more information.

7. Warranty

Metco Anti-Skid Aggregate 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.



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