



HEMISPHERIC GLASS BEAD ROUND HEMISPHERICAL GLASS BEAD TRACTION ADDITIVE FOR SEALERS & TOPCOATS

DESCRIPTION: Smith's Glass Beads are a round, solid hemispherical glass bead which can be added to any film forming topcoat to achieve a mild slip resistant film which is easier to sweep and mop vs. traditional non-slip grits. Due to its composition, Smith's Glass Beads will not absorb, expand or dissolve in oil, solvent or water-based systems.

Due to specific gravity, Smith's Glass Beads requires agitation to remain evenly suspended in low viscosity coatings. Yields a mild to moderate texture to improve traction in a new topcoat.

Mock-ups are important to determine the appropriate amount necessary as well as to ensure satisfaction and desired appearance.

Smith's Glass Beads are available in 3 blend sizes:

- Fine - 50/70 Mesh for light traction in dry environments
- Mild - 40/70 Mesh for flat surfaces in typical foot traffic environments such as showrooms
- Course - 20/30 Mesh for areas exposed to water or sloped areas which required greater traction

RECOMMENDED USE: Traction additive for resinous topcoats or sealers on relatively smooth horizontal surfaces. Primary used for decorative concrete and Metallic floor coatings as well as a traction additive in topcoats over resinous floor coatings used in residential, commercial or light industrial (i.e. warehouses with light pallet jack traffic) environments.

HIGHLIGHTS:

- Improves surface traction of film forming sealers / topcoats
- Creates a texture with nil effect on the colors or mottling
- Minimal decrease in gloss / sheen
- More evenly disperses when mixed into a sealer/topcoat then roller applied vs. traditional non-slip fillers
- Improves Surface Hardness, Durability, Chemical & Abrasion Resistance of the topcoat
- Suitable for barefoot traffic including pool decks
- Yields a surface which doesn't pull fuzz from a mop or microfiber pad as easily while cleaning

SPECIFICATION DATA

COLOR:	White Powder
STORAGE CONDITIONS:	40°F (4.4°C) to 120°F (48.8°C)
HARDNESS (Moh):	6.0 to 6.5
SHELF LIFE:	4 years
AVAILABLE KIT SIZES:	
SCS-HG-20/30Mesh-QT	32 oz. Jar
SCS-HG-20/30Mesh-50lbs	50 lbs. Bag
SCS-HG-40/70Mesh-QT	32 oz. Jar
SCS-HG-50/70Mesh-QT	32 oz. Jar



ORDERING INFORMATION

Prices may be obtained from Smith Paint Products, Sales Representative or local Smith's Decorative Concrete Products Dealer.

MIXING RATIO / APPLICATION INSTRUCTIONS:

Add approximately 5 to 8 ounces of Smith's Glass Bead for every one gallon of sealer or topcoat, for light to medium texture.

Utilizing a stir stick, agitate sealer and resin sand to achieve uniform suspension of the slip resistant material. Re-agitate the sealer once the resin sand begins to settle. Sealer may be applied via brush, roller, and/or pump up sprayer. Topcoat products are traditionally applied via paint roller only.

BROADCASTING METHOD COVERAGE: When broadcasting Smith's Resin Sand for increased traction, coverage is typically:

- Light Traction = 1,000 sq.ft. average per jar
- Moderate Traction = 700 sq.ft. average per jar

SLIP RESISTANCE: Smith Paint Products recommends the use of angular slip-resistant aggregate in all coatings that may be exposed to wet, oily or greasy conditions as well as any condition where increased traction may be necessary. It is the contractor and end users' responsibility to determine the appropriate traction needs and footwear necessary for the conditions as well as setting performance parameters prior to beginning the application, testing to determine parameters have been met upon completion to achieve the end users documented safety standards.

Smith's Glass Beads do not yield as aggressive traction as traditional traction additives of similar size. Mock-ups are highly recommended as part of the evaluation process to determine the appropriate amount of slip-coefficient necessary for the environment and are especially important for environments which may be cooler temperatures (below 60°F substrate surface temperature), exposure to oils, grease, soaps, water, chemicals, etc. which may adversely affect traction.

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