



EUCOPOXY TUFLOAT DBS

DECORATIVE BROADCAST SYSTEM

material description

SUPER FLO-TOP can be used to level uneven floors in commercial or residential facilities



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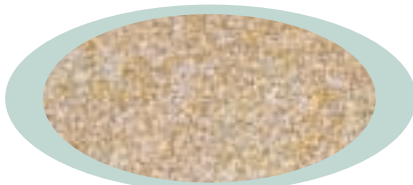


EUCOPOXY TUFLOAT DBS is a Decorative Broadcast System for concrete floors that utilizes a clear, 2-part 100% solids epoxy and colored quartz aggregate to produce an attractive, durable floor. EUCOPOXY TUFLOAT DBS is a cost-effective system

EUCOPOXY TUFLOAT DBS is moisture, chemical and abrasion resistant – perfect for kitchens, locker rooms, restroom floors. The Eucopoxy Tufloat DBS flooring system is seamless, making it easy to clean and maintain (no grout lines or seams to collect dirt).

It can be applied as a textured, non-slip finish where positive footing is required, or with a smooth, high gloss appearance.

industrial floors ◆ hospitals ◆ walkways and lobbies
◆ kitchens ◆ locker rooms ◆ restaurants ◆



Blending different colors of aggregate creates three-dimensional effects



Before and after the application of EUCOPOXY TUFLOAT DBS

Typical Physical Properties

Abrasion Resistance (ASTM D 4060)	48 mg loss (1000g load/500 cycles)
Bond Strength: (ASTM C-882)	2100 psi (14.5 MPa)
Compressive Strength (ASTM C 109)	1 day: 6200 psi (42.7 MPa) 28 days: 13000 psi (89.6 MPa)
Tensile Strength (ASTM D 638)	2000 psi (13.8 MPa)
Working Time at 70°F	70 minutes
Cured Thickness	1/16 inch to 1/8 inch (0.16 - 0.32 cm)
Suitable for Traffic	48 - 72 hours

The colored quartz aggregate comes in many different colors that can be blended to give an appealing, three-dimensional look.

The EUCOPOXY TUFLOAT DBS epoxy contains no solvent and very little odor, so installation of this flooring system can be done both in new construction and in buildings that are occupied and in service.



Application / Related Products

EUCOPOXY TUFCOAT DBS™ DECORATIVE BROADCAST SYSTEM

Application of Euco epoxy Tufcoat DBS

Concrete must be at least 28 days old with an open, textured surface. Any curing compounds, sealers, or old coatings must be removed. Concrete should be sound, and any joints or cracks must be addressed before application of Euco epoxy Tufcoat DBS.

After mixing, the epoxy basecoat is applied to the concrete floor using a roller or squeegee. The quartz aggregate is broadcast into the wet epoxy and this first application is allowed to dry. Excess quartz is then removed from the surface, and a second coat of epoxy is applied. At this point, the floor is complete if a "single broadcast" (1/16 inch thick) system is desired. For a richer, more uniform color and thicker system (1/8 inch), an additional layer of quartz can be broadcast over the second coat of epoxy. The final topcoat of epoxy is applied at various coverage rates to provide a textured, non-slip finish or a smoother, glossy appearance.



Details such as coving and tooling around drains can also be done with the Euco epoxy Tufcoat DBS System.



No special equipment is needed to mix aggregates. Simply mix by sight to the desired color consistency.



For exceptional abrasion and chemical resistance and a high-gloss appearance, a coat of Eucothane – Euclid's high-performance polyurethane coating – can be applied as the final finish.

The TUFCOAT Family of Products

EUCOPOXY TUFCOAT DBS is part of Euclid's complete line of epoxy coatings for concrete.

EUCOPOXY TUFCOAT and TUFCOAT VOX are general-purpose epoxy coatings that protect concrete surfaces from wear and chemical attack. EUCOPOXY TUFCOAT VOX is water-based, with reduced odor, that can be used on projects where epoxies containing solvent are prohibited. EUCOPOXY TUFCOAT HB+ is a high-build epoxy coating used to hide minor imperfections in concrete floors for a smooth, semi-gloss, durable finish. EUCOPOXY TUFCOAT DBS PIGMENTED RESIN SYSTEM makes use of the clear,

100% solids Tufcoat DBS epoxy along with a liquid pigment color pack as an alternative to the colored quartz aggregate. The result is a high-gloss, smooth flooring system with rich color. To protect them all, EUCOTHANE is a polyurethane finish coat that can be applied over any Tufcoat epoxy to enhance the abrasion and chemical resistance of the system.

Contact your Euclid Chemical Representative or call 800-321-7628 for more detailed technical specifications and engineering data.

The Euclid Chemical Company, founded in 1910, is today a worldwide supplier of quality products and services for the concrete and masonry industry. We provide complete specification assistance and laboratory support as well as on-site service for guidance and proper product usage.



The Euclid Chemical Company

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An RPM Company

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