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Since 1926 – Manufacturer of Decorative and Protective Paints and Waterproofing Coatings

SOMAY/VANDEX “SUPER” for PERMANENT CONCRETE WATERPROOFING

SOMAY/Vandex SUPER is a dry cementitious powder mixture of rapid-hardening Portland cement, specially treated quartz sand, and a compound of active inorganic chemicals. When mixed with clean water and then applied to clean, sound cement surfaces with “open” pores, Vandex SUPER, by capillary/crystallization action, will chemically seal the pores and create in-depth permanent waterproofing and protection of the concrete from chloride ion intrusion, which can cause long-term damage to rebars. Vandex SUPER can be applied to the positive or negative pressure side of a concrete tank, wall or floor with equal effectiveness, and resists hydrostatic pressure (tested to 486 P.S.I. head pressure). On new concrete floors subject to vehicular traffic, the Vandex SUPER should be applied to the wet, freshly poured concrete as a dry powder (NOT mixed with water), so the Vandex SUPER is power troweled into the concrete finish surface ... thus the waterproofing and chloride ion protection will be permanently in the concrete.

Color: “Cement Gray” (normally in stock); “Gray” has ANSI/NSF Std. 61 Approval for potable water tanks.
“White” (Special Order ONLY)

Surface Preparation: Surfaces must be moist (damp) at time of application. When applied to fully cured concrete: Sandblast to SSPC-SP6 (Commercial Blast); or Water Blast with 4,000 P.S.I. minimum pressure at the tip of the gun. Be sure old concrete surfaces have open pores by scarifying or otherwise abrading surface so it looks and feels like very rough (80 grit) sandpaper.

Mix Ratio: 5:2 = 5 parts Vandex SUPER to 2 parts clean potable water (by volume)

Recommended Coverage Rate:

Concrete Walls: Min. 1.4 lbs./sq. yard (.75 Kg/sq.m.) = 320 sq.ft./50-lb. (30.3 sq.m./22.7 Kg) Vandex SUPER per coat; 2 coats recommended (2nd coat applied while 1st is “green”). Total for 2 coats: 2.8 lbs./sq. yard (1.5 Kg/sq.m) = 160 sq.ft./50-lb. (15.1 sq.m./22.7 Kg)

Concrete Slabs: Min 2.0 lbs./sq. yard (1.0 Kg/sq.m.) = 225 sq.ft./50-lb. Vandex SUPER (22.7 sq.m./ 22.5 Kg). One coat recommended.

Pot Life: 30 minutes; Setting Time: 60 minutes; Cure Time: **Keep damp for min. 5 days (120 hours).**

Cost : “Cash & Carry”, FOB SOMAY: \$134.95/50-lb. pail of Vandex SUPER (“Cement Gray”):

Concrete Walls: Approx. 42¢/sq.ft. for 1 coat; Approx. 84¢/sq.ft. for 2 coats.

Concrete Slabs: Approx. 60¢/sq.ft. for 1 coat.

All numbers are theoretical based on application to smooth surfaces and assume 100% transfer efficiency. User must allow for losses in mixing, application and less than theoretical coverage rate due to application to rough and/or porous surfaces, etc.

All prices subject to change without notice. Price in effect on date of shipment will apply.