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Architectural Concrete Solutions

BOMANITE DENSIFIERS

Cross Reference Guideline

Product Name	Carrier Description	VOC Content	Recommended Application	Unique Characteristics	Coverage per Coat per Square Foot	Hazardous Goods
Bomanite Con-Shield	Water-based Lithium Silicate Densifier	None	Interior or Exterior over Concrete or select Toppings Interior or Exterior under Toppings and Sealers Minimum of (3) to as many as (8+) coats	Reactive silicate chemistry. Little to no color enhancement. Water clear for use as a concrete densifier/hardener. Used primarily to suppress moisture vapor & control alkalinity.	200-500 Porous 500-600 Dense per gallon	None
Bomanite Con-Shield Concentrate	Water-based Lithium Silicate Densifier	None	Interior or Exterior over Concrete or select Toppings Interior or Exterior under Toppings and Sealers Minimum of (3) to as many as (8+) coats	Based on same reactive silicate chemistry as Con-Shield in a concentrate form. Mixed with water to achieve a range of solids contents dependant upon substrate and required use.	200-500 Porous 500-600 Dense per mixed gallon	None
Bomanite Stabilizer Pro	Water-based Lithium Silicate Densifier with Silane	None	Interior or Exterior over Concrete or select Toppings Interior or Exterior under Sealers Minimum of (1) to as many as (3+) coats	Reactive silicate chemistry. Little to no color enhancement. Water clear for use as a concrete densifier/hardener. Used primarily to harden concrete prior to polishing process. Silane additive for additional chloride resistance.	200-400 Porous 400-600 Dense per gallon	None
Bomanite VitraFinish (formerly Stainguard)	Water-based Lithium Silicate Densifier with Polymer	<50 grams/liter	Interior over Polished Concrete and Toppings Minimum of (2) to as many as (3) burnished coats	Reactive silicate chemistry. Moderate color enhancement. Milky white appearance that dries clear. Used primarily as color enhancer and finish for polished concrete.	600-1200 Dense per gallon	None
Bomanite Stabilizer	Water-based Sodium Silicate Densifier	None	Interior over Concrete Minimum of (2) to as many as (8+) coats	Reactive silicate chemistry. Little to no color enhancement. Water clear for use as a concrete densifier/hardener. Used primarily to harden concrete as part of the Retro Plate polishing process. Sodium Silicate based.	200-400 Porous 400-600 Dense per gallon	None