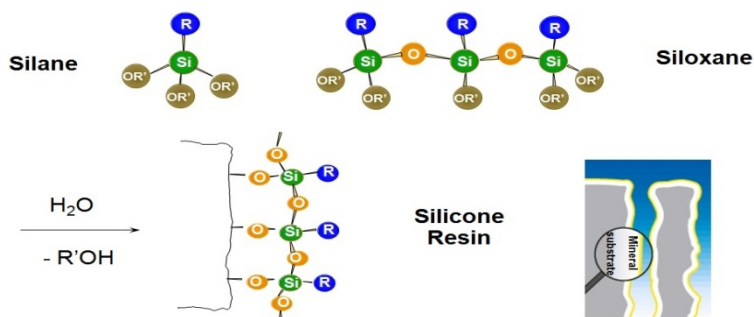




StarChem® 2543

Product Description:

StarChem® 2543 is a concentrated water-based silane/siloxane emulsion formulated for waterproofing various substrates. Silanes and siloxanes are capable of penetrating and forming a protective, repellent layer several millimeters deep within a substrate, with little effect on the water vapor transmission rate through pores. Because the treatment is deep within the substrate, surface abrasion has little or no effect on performance. Other repellency treatments can block or seal pores, resulting in less vapor transmission and loss of performance after surface abrasion



Typical Physical Properties:

Appearance	white Liquid
Active Content	~40%
pH (10% aq)	~4.0
Ionicity	nonionic
Viscosity	<50 cst

Product Attributes:	Application:
<ul style="list-style-type: none"> -Improved long-term protection -Reduced corrosion (chlorine ingress) -Reduced maintenance time and costs -Reduced efflorescence -Easier cleaning -Reduced spalling -Improved strength of fragile masonry -Repellency to water and water-soluble materials -Permeability to water vapor -Durability: chemically bonded with the substrate -UV Stable 	<ul style="list-style-type: none"> -Typically applied at 5% to 20% active material on neutral to alkaline substrates. -Structural concrete -Pavers and flagstones -Sandstone -Limestone and marble -Brick and tile -Gypsum and plaster

Dilution Procedure

StarChem® 2543 can be readily mixed with water prior to application. Recommended dilution is 1:5; **StarChem®** 2543 to water. (dilution factors of 1:10 to 1:3 can be used)

Storage Conditions:

StarChem® 2543 has a shelf life of at least twelve months from the date of delivery; if stored in original unopened containers at temperatures not exceeding 30°C (86°F). Continued storage beyond the designated shelf life does not necessarily mean the material cannot be used. However, renewed testing of the most important properties is imperative.

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