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SILICONE COATINGS

Silicones are highly hydrophobic (water hating) liquids which coat the surface of the masonry or stone to prevent water and water-borne soils from penetrating and adhering to the treated surface. Silicones, while extremely effective on water-borne soils, have limited effectiveness on oil-based soils. In fact, the silicones may make some oil-based stains worse since the silicones are very lithophylic (oil loving).

Since the silicones do not react with the surfaces and they remain a liquid on the treated surface, silicones are not effective on upward facing horizontal surfaces and surfaces which might be under water for extended periods of time. Additionally, since silicones do not react with the treated surfaces, the coating is dissipated by absorption into the treated material and by 'floating' off over time. In other words the coatings are not durable.

SGT. HALT "Advanced Concrete and Wood Protectant"

SGT. HALT reacts with the surface being treated and cures to become a bound portion of the treated surface. This forms a durable surface that is resistant to both water and oil borne soils. Since it does react with the treated material, SGT. HALT'S effectiveness can only be reduced by removing the treated surface. SGT. HALT retains its stain repelling properties against both oil and water borne soils for up to five years even when covered with water for extended periods of time.

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