

O-S™ SUBSTRATE CONDITIONER

PRODUCT CONCEPT AND FUNCTION:

O-S is a proprietary, modified and chemically active silane [not silicone] that has a unique ability to “bind” the organics and inorganics of concrete and other substrates such as sandstone, flagstone and metals. The technology is well known in aircraft and high technology commercial coatings.

The effect of O-S is to enhance the strength and stability of the top surface of various substrates, and to additionally increase the chemical “lock” of RJSC sealers where state-of-the art finishing is required.

O-S additionally interfaces with any polymers, additives and contamination that may be on/in a substrate in order to increase the acceptance of coatings.

This makes O-S an “insurance policy” against local problem spots of adhesion, sub-surface powdering, pinhole openings and irregularities.

Experimental data, using an elcometer [ASTM D-4060], shows the adhesion of RJSC sealers will always exceed the strength of the substrate. A “plug” pulls out of the substrate in these tests. But O-S increases the substrate surface strength itself, resulting in a typical 10% - to - 30% increase in pounds required to pull a [typically] deeper plug.

PRODUCT DESCRIPTION: and APPLICATION

O-S is a water-clear concentrate in alcohol that is diluted at the jobsite with WATER (also available as a Concentrate -- see Note below). It is sprayed onto the floor at approximately 500 square feet per diluted gallon.

O-S soaks in and dries very quickly. With reasonable moving-air circulation [box fans help] the floor is ready for primer coat in approximately 30 minutes in normal temperature and humidity settings.

Note: O-S is non-haz but ships flammable. It can also be purchased in concentrate, (not in alcohol and therefore non-flammable). In this case, UN-denatured, 100% PURE methanol or isopropyl alcohol must be purchased and added locally.

SUBJECT to RJSC MSDS and LIMITED WARRANTY.

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