

AMS™ SUBSTRATE CONDITIONER

PRODUCT CONCEPT AND FUNCTION:

AMS is a proprietary, modified and chemically active silane [not silicone] which has a unique ability to “wrap, bind and stabilize” the free inorganics of rapid-set cements, limestone, marble and terra cotta. The technology was modified from a European protocol that was developed to protect priceless outdoor statuary from weathering and acid rain.

The effect of AMS 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.

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

This makes AMS 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 AMS 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:

AMS 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.

AMS 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: AMS 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.