



**LUCAS** *Coatings & Mastics for the Roofing Trade*  
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## **PRODUCT DATA BULLETIN**

### **#2012 SILANE/SILOXANE WATERPROOFING**

#### **PURPOSE**

Lucas #2012 is a silane monomer / siloxane oligomer based waterproofing treatment intended for application to alkaline surfaces such as brick, mortar, concrete block, cultured stone, sandstone and concrete. #2012 is not intended for use on some types of non-silicate natural stone. Applications of #2012 will not change the appearance of masonry or concrete. #2012 is a higher performance version of our #2006 intended for horizontal surfaces.

#### **PRODUCT DESCRIPTION**

Lucas #2012 is manufactured from a blend of silanes and siloxanes specifically suited for waterproofing applications. Silane's small molecule size allows for effective penetration of higher density materials while siloxanes more effectively treat larger pores. Silanes react with moisture in an alkaline environment to form hydroxy groups that produce a hydrophobic water repellent surface. Siloxanes react with silica to produce hydrophobic crystalline structures. This product is supplied in a non-flammable mineral spirits vehicle.

#### **APPLICATION**

Mechanically mix before using. Do not store above 90°F. The surface must be clean but may be damp, although penetration will be lessened. Apply with a brush, long knap roller or an airless or garden type sprayer until the surface is fully saturated. Protect glass and landscaping from contact with this product. Lucas #2012 will permanently fuse to glass surfaces and cannot be removed.

#### **CAUTION**

Combustible Mixture, keep away from heat and open flames. Avoid prolonged contact with skin. If irritation occurs seek medical attention. If swallowed, do not induce vomiting. Keep out of reach of children. Read MSDS prior to use.

California Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer, birth defects and/or reproductive harm.

## **#2012 SPECIFICATION**

<b>Applicable Specification</b>	<b>NA</b>
<b>Recommended rate of application</b>	<b>Fully saturate surface</b>
<b>%Reduction Weight Gain (21 day immersion)</b>	<b>88.7 %</b>
<b>Average Depth of Penetration</b>	<b>3 mm</b>
<b>Weight per gallon</b>	<b>6.9 lbs.</b>
<b>Flash Point (TCC)</b>	<b>+100° F</b>
<b>Container Sizes</b>	<b>5, 55</b>

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