



LUCAS Professional Coatings, Sealants & Adhesives

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#2110 SPECIFICATION

#2110 SILANE/SILOXANE WATERPROOFING

PRODUCT DESCRIPTION

Lucas #2110 is a silane monomer / siloxane oligomer based waterproofing treatment intended for application to alkaline surfaces such as brick, brick chimneys, mortar, concrete block, cultured stone, sandstone and concrete. #2110 is not intended for use on some types of non-silicate natural stone. Applications of #2110 will not change the appearance of masonry or concrete. #2115 is a higher performance version of our #2110 intended for horizontal surfaces.

Lucas #2110 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 water 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. Lucas #2110 will permanently fuse to glass surfaces and can be difficult or impossible to remove.

Clean up: Soap and water (wet coating).

Shelf Life: One year from the date of manufacture

CAUTION: Avoid prolonged contact with or inhalation of fumes. Do not take internally. If swallowed, do not induce vomiting. Contact medical personnel immediately. Read SDS prior to use. For professional use only. Emergency phone number 1-800-424-9300.

Viscosity	ASTM D 2196	50 cps
% Active by Weight	ASTM D 1644	10%
Weight per Gallon	ASTM D 1475	8.4 lbs.
Weight Gain: Concrete	ASTM D 6532	-89.1%
Weight Gain: Brick	ASTM C 67	-92.1%
Weight Gain: CMU	ASTM C 140	-92.7%
Avg. Penetration	Concrete	2 mm
Avg. Penetration	Cult. Limestn.	4 mm
Avg. Penetration	CMU/Block	10 mm
Vapor Transmission	ASTM E 96	79%
Water Penetration	ASTM E 514	100%
Flash Point	ASTM D56	NA
VOC	EPA 24	< 50 g/l

Container Sizes: 1, 5, 55, 275 gallon

Colors: Clear

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