



Product Data Sheet

MORTAR SENTRY WATER SEAL 10

PRODUCT DESCRIPTION

Revision Date: November 2018

Mortar Sentry Water Seal 10 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. It is not intended for use on some types of non-silicate natural stone. Mortar Sentry Water Seal 10 will not change the appearance of masonry or concrete. For horizontal surfaces, see Mortar Water Seal 15 which is a higher performance version of Water Seal 10.

Mortar Sentry Water Seal 10 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 hydroxyl 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.

TYPICAL PHYSICAL PROPERTIES

Physical Property	Test Method	Value*
Viscosity	ASTM D 2196	50 cps
% Active by Weight	ASTM D 1644	10%
Weight per Gallon	ASTM D1475	8.4 lbs.
Weight Gain: Concrete	ASTM D 6832	-89.1%
Weight Gain: Brick	ASTM C 67	-92.7%
Weight Gain: CMU	ASTM C 140	-92.7%
Ave. Penetration-Concrete	N/A	2 mm
Ave. Penetration-Cult. Limestone	N/A	4 mm
Ave. Penetration-CMU	N/A	10 mm
Vapor Transmission	ASTM E 96	79%
Water Penetration	ASTM E 514	100%
Flash Point	ASTM D 56	N/A
VOC	EPA 24	<50g/l
Color	N/A	Clear

*Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

PACKAGING

1 gallon and 5 gallon containers

INSTALLATION INSTRUCTIONS

- Surface and ambient temperature to be between 40°F and 90°F during use and for 8 hours after
- Mix well before using
- Surface must be clean but may be damp although penetration will be reduced
- Apply with a brush, long knap roller or an airless or garden type sprayer until surface is fully saturated
- Water Seal will permanently fuse to glass surfaces and can be difficult or impossible to remove

PRECAUTIONS

Avoid prolonged contact with or inhalation of fumes. Do not take internally. If swallowed, do not induce vomiting and contact medical personnel immediately. Read SDS prior to use. For professional use only. Keep out of reach of children.

MORTAR SENTRY WATER SEAL 10

CLEAN UP

Wet coating can be cleaned with soap and water.

STORAGE & HANDLING

One year shelf life with proper storage.

Storage temperature to be between 40°F and 90°F. Do not allow product to freeze.

Job site storage in excess of 90°F (32°C) may affect product shelf life.

PROTECTION & SAFETY

Mule-Hide maintains Safety Data Sheets on all of its non-exempt products. Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers. Mule-Hide's Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Mule-Hide products in your facilities.

ADDITIONAL INFORMATION

The information given on this PDS is subject to change without notice. Always check the Mule-Hide website at www.mulehide.com for the latest information, changes and updates or contact Mule-Hide Products Company at 800-786-1492.

DISCLAIMER

The statements provided concerning the material shown are intended as a guide for material usage and are believed to be true and accurate at the time of printing. No statement made by anyone may supersede this information, except when done in writing by Mule-Hide Products Co., Inc. Since the manner of use is beyond our control, Mule-Hide does not authorize anyone to make any warranty of merchantability or fitness for any particular purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material. Buyer and user accept the product under these conditions and assume the risk of any failure, any injury person or property (including that of the user), loss or liability resulting from the handling, storage or use of the product whether or not it is handled, stored or used in accordance with the directions or specifications. Mule-Hide must be notified in writing of any claims and be given the opportunity to inspect the alleged failure before repairs are made.