

# StoColor® Climasan™ VLC\* Odor Neutralizing Coating

\*Visible Light Catalysts  
81260

## DESCRIPTION

**StoColor Climasan** is an innovative interior flat wall and ceiling coating that when exposed to a light source will neutralize odors from the air. This easy to apply single component acrylic latex requires no special equipment or application methods. Climasan contains Visible Light Catalysts (VLC) that continuously degrade organic compounds and pollutants and remains active for as long as the coating is exposed to light.

## FOR USE ON INTERIOR

- Ceilings and Walls
- Plaster
- Drywall
- Brick
- CMU

## FEATURES & BENEFITS

- Odor Neutralizing – reduces odors and pollutants
- Photocatalytic – continuously active while exposed to light
- Durable – washable wall finish
- Water Based Acrylic – easy to apply

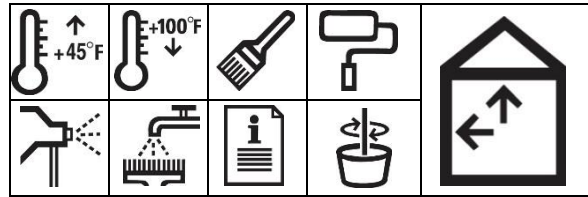
## CONFORMANCE & CERTIFICATION (AS OF 3/12/2003)

EPA	Yes
CARB	Yes
SCAQMD	Yes

## REFERENCE MATERIAL

Prior to the start of any coatings project read all product application instructions and documentation as well as additional reference materials made available by the manufacturer.

Log on to [www.stocorp.com](http://www.stocorp.com) to review the Technical Hotlines listed in the product documentation section.



## SPECIFICATION

### Colors:

Off White

Can be tinted to off white colors with addition of up to 2% zero VOC inorganic colorants only

### Clean Up:

Clean up wet material with soap and water

### Finish:

Flat – <2 at 60°

### Weight Per Gallon:

11.7 lbs (5.3 kg)

### Solids:

Volume – 56%

### VOC:

<5 grams/liter

### Practical Coverage:

Apply 2 coats at 285-325 sqft/gal (7.0 - 8.0 m<sup>2</sup>/L)  
Actual coverage may vary depending on method of application and porosity of the substrate.

### Recommended Film Thickness Per Coat:

4.9 - 5.5 mils wet

2.7 – 3.1 mils dry

### Application Method:

Brush: High quality nylon/polyester

Roller: 3/8" – 1/2" nap

Airless Spray: .015 -.017 tip

### Dry Time 77°F (25°C) @50% RH:

To Touch: 2 hours

To Recoat: 6 hours

Dry times may vary depending upon temperature, humidity and air movement.

### Flash Point:

None

### Packaging:

1 and 5 gallon

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### SURFACE PREPARATION:

#### General Surface Preparation

All surfaces must be clean, dry, sound, and free of contamination such as mildew, dirt, grease, oils, efflorescence and any other contamination that may affect adhesion. Wash the surface with an appropriate cleaner, rinse thoroughly and allow to dry. Make any repairs with suitable filler, sand and prime as necessary following manufacturer's instructions. Glossy surfaces should be sanded to a dull finish. Remove any loose, scaling, cracked or peeling paint from previously painted surfaces by chemical or mechanical means, prime as necessary.

**Priming** – New surface areas should be primed with an appropriate primer/sealer. Stains for smoke, water, ink, pencil etc should be sealed with a stain blocking primer suitable for the surface type and before application of finish coating.

**Mold & Mildew** - Surface areas affected by mold and mildew should be treated with a commercial mildew removal and/or wash product carefully following manufacturer's application and safety directions. Rinse thoroughly with clean water, and allow a minimum of 24 hours to dry thoroughly.

**Before Painting**- Ensure floor coverings and furnishing are protected with drop cloths and appropriate clothing is worn to protect against paint spatter while painting overhead. Read all product application instructions and documentation as well as additional reference materials made available by the manufacturer.

#### THINNING AND CLEAN UP

**Clean Up:** Clean up any minor spills and splatters immediately with warm soapy water, as well as all painting tools and airless equipment. More serious paint spills should be contained and removed with inert absorbent material. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state and federal regulations.

**Thinning:** Stir thoroughly and apply as it comes from the container. Thinning is not necessary. However, if thinning is required, you may add clean water up to ½ pint per gallon.

#### APPLICATION

Mix thoroughly before use. May be applied by brush, roller or spray, ensure floor coverings and furnishing are protected and appropriate personal protection is also worn. To achieve required film build it is recommended to apply two coats. To assure color uniformity, always intermix multiple containers of custom tinted and stock colors. Apply a small test sample to verify color and adhesion to the prepared surface. Always paint to a natural break in the surface, such as a corner or edge. During spray application, it is recommended to back-roll the surface area to ensure proper adhesion, and an even coat application. Maintain a wet edge during application by brushing, rolling or spraying into previously applied coating area.

#### STORAGE

Store in the original container with the lid tightly sealed, protect from extreme temperatures. PROTECT FROM FREEZING.

#### LIMITATIONS

Apply only when air, material and surface temperatures are above 45°F (7°C) and below 100°F. Do not apply over damp surfaces. Not suitable for use in kitchens, bathrooms where steam or vapors will condense on the painted surface or anywhere a high level of maintenance cleaning is expected. Not for use on exterior surfaces, below grade, on horizontal floors, low slope surfaces or ledges. Not a water proofing membrane.

#### PRECAUTIONS:

Avoid prolonged contact with skin, and breathing of dust, vapors and/or spray mists. Causes eye irritation. **USE WITH ADEQUATE VENTILATION!** Ensure fresh air entry during application and drying. If you experience eye water, headache or dizziness, or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriately fitted respirator, (NIOSH approved), during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin and clothing. Use chemical safety glasses, goggles or a face shield for proper eye protection. Wash thoroughly after handling and before eating or smoking.

#### FIRST AID:

In case of skin contact, wash thoroughly with warm soapy water. For eye contact, flush with plenty of water for 15 minutes and get medical attention. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting, get medical attention immediately.

**WARNING!** If you scrape, sand or remove old paint you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD AVOID EXPOSURE.** Wear a NIOSH approved respirator to control lead exposure, Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD, or log on to [www.epa.gov/lead](http://www.epa.gov/lead)

**KEEP OUT OF REACH OF CHILDREN  
KEEP CONTAINER CLOSED WHEN NOT IN USE  
DO NOT TAKE INTERNALLY**

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#### Attention

This product must be applied in accordance with all Sto specifications instructions. To the best of our knowledge the technical data contained herein are true and accurate at the date of issuance but are subject to change without prior notice. Sto Corp. disclaims all and assumes no liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, or for other construction activities beyond Sto's control. Improper use of this product or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to this product, and to the structure of the building or its components. **STO CORP. DISCLAIMS ALL WARRANTIES EXPRESSED OR IMPLIED EXCEPT FOR EXPLICIT LIMITED WRITTEN WARRANTIES ISSUED TO AND ACCEPTED BY BUILDING OWNERS IN ACCORDANCE WITH STO'S WARRANTY PROGRAMS WHICH ARE SUBJECT TO CHANGE FROM TIME TO TIME.** For the fullest, most current information on proper application, clean-up, mixing and other specifications and warranties, cautions and disclaimers, please refer to the Sto Corp. website, [www.stocorp.com](http://www.stocorp.com).