

Seal Bond® Adhesive Solutions

Seal Bond® CS-4300 High Performance Mirror Mastic

Professional grade, moisture curing adhesive that does not contain isocyanate or solvents.

Product Description

CS-4300 is a professional grade, moisture curing adhesive designed for use with glass and mirrors. It provides superior adhesion, flexibility and longevity. Once fully cured, CS-4300 Mirror Mastic will create a long-lasting bond that is difficult to remove.

CS-4300 is a solvent and isocyanate free, adhesive and may contribute to LEED EQ Material Resource Credit 4.1 - Low Emitting Materials - Adhesives and Sealants and is compliance tested for CDPH/EHLB/Standard Method Version 1.1, 2010.

For interior use only.

Product Information: Features

- Safe to Use - Solvent & Isocyanate Free
- Ultra-low VOC's, 11.7 g/L
- May contribute to LEED V4 EQ Material Resource Credit 4.1 - Adhesives and Sealants
- SCAQMD & CDPH Compliant
- Bonds to most common building substrates
- Remains flexible to absorb expansion and contraction
- Compatible with acrylic & conventional mirrors

Product Information: Benefits

- Open cartridges can be sealed for reuse
- 100% solids - no shrinkage
- Will not de-silver mirror
- Safe to use
- Allows for movement over a broad temperature range
- Mildew resistant
- Low odor, ideal for confined spaces

Ease of Installation

- Single component high solids formula
- Easily gunnable between 40° F and 100° F
- Cures rapidly to reach optimum strength within 7 - 14 days, full cure 21 days
- CS-4300 can be installed on damp surfaces which is defined as when no moisture is transferred to the skin when the substrate is touched

High Performance Durability

- Does not dry or become brittle
- Water resistant
- Permanent elastomeric bond

Typical Properties

Please contact your Seal Bond Sales Representative before writing specifications around this product. Product properties are as follows:

Property	Typical Value	Units	Test Method
VOC's	11.7	g/L	ASTM C1250
Skinover time @ 50% R.H. 70 deg F	14	Min.	ASTM C679
Density	13.39	#/gal	
Hardness	55	Shore A	ASTM D676
Shear Strength:	129.6	psi	ASTM D1002
Color	Natural		
Peel Strength: Acrylic Aluminum Mortar Glass Pine	11.6 12.3 9.1 13.9 10.04	pli	ASTM D903
Tensile	185	psi	ASTM D412-06
Elongation at Break	163	%	ASTM D412-06
Chemistry	Hybrid Polymer		

CS-4300 typical values represent data from 10 process runs of different size. Values will be refreshed, as necessary, upon data collection from additional campaigns and long-term variability discernment.

Seal Bond[®] CS-4300 High Performance Mirror Adhesive

Surface Preparation

Surfaces must be clean, fully dry and free from dust, dirt, grease, loose or powdery paint or primer. Never apply to new plaster or a freshly painted wall. Adhesive is not recommended for use on wallpaper or vinyl safety-backing.

Make sure glass or mirror is clean, completely dry and both the glass and adhesive is room temperature prior to application. Do not use in temperatures lower than 40° F.

CS-4300 is not recommended for Copper and Lead-Free mirror mirrors without testing to ensure that the mirror does not de-silver.

Application

Apply adhesive to the back of the mirror or glass in vertical beads approximately 5-6 inches apart and 3 inches from the edge.

Clean Up

Clean tools and any uncured adhesive with mild solvent such as mineral spirits.

Material Storage/Disposal

Store securely between 60° F - 80° F in unopened container. Recommended shelf life is 10 months from date of manufacture on bottom of tube. Keep tube tightly sealed. Dispose of contents/container in accordance with Local/Regional/National/International Regulations. Refer to Safety Data Sheet (SDS) for further information.

Shelf Life and Storage

The shelf life is 10 months for an unopened container from the date of manufacture. Reference the date of manufacture. YYMMDD ex. 190522 is May 22, 2019.

Packaging

CS-4300 is available in 10.1 oz. (299 ml) cartridges.

Warranty

Seal Bond warrants that our products are manufactured to strict quality assurance specifications. For warranty information visit: www.seal-bond.com/terms

Precautionary Statements

Do not use until all instructions and safety precautions have been read and understood. Wear protective gloves, protective clothing and eye protection. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.
IF ON SKIN: Wash exposed body areas with soap and water.
IF IN EYES: Rinse with water, remove contact lenses and continue rinsing. If exposed or concerned get medical advise/attention. Refer to Safety Data Sheet (SDS) for further information.