

PRODUCT DESCRIPTION

Stonkote CE4 is a two-component, high solids, clear epoxy sealer. It is formulated to increase abrasion and chemical resistance while improving cleanability. Stonkote CE4 is easily applied and hardens to an attractive gloss finish.

TYPICAL USES, APPLICATIONS

Stonkote CE4 is a high gloss sealer coat for use in conjunction with various Stonhard flooring systems. It may be applied on various substrates to both vertical and horizontal surfaces.

PRODUCT ADVANTAGES

- 100% solids.
- Long term abrasion and chemical resistance.
- Excellent bond strength assures good adhesion.
- Protects against moisture penetration.
- Bonds to many different Stonhard systems.
- Durable, gloss finish permits easy cleaning and maintenance.
- Factory proportioned packaging ensures consistent, high quality, simplified mixing.

PACKAGING

Stonkote CE4 is packaged in units for easy handling. Each unit consists of one carton containing:

- 6 foil bags of Amine
- 6 poly bags of Resin

COVERAGE

Refer to the appropriate system product data sheet for coverage and recommended number of coats.

STORAGE CONDITIONS

Store all components of Stonkote CE4 between 16°C and 29°C in a dry area. Avoid excessive heat and do not freeze. The shelf life is 3 years in the original, unopened container.

SURFACE PREPARATION

Preparing Stonhard Flooring

Systems before coating a Stonhard floor, refer to the appropriate system product data sheet for preparation and instructions for installing Stonkote CE4.

PRODUCT MIXING

Stonkote CE4 is supplied in factory proportioned quantities. To achieve thorough and proper mixing, the Stonkote CE4 must be mechanically mixed using a heavy-duty, slow-speed drill (400 to 600 rpm) with a mixing blade. Empty the resin into a mixing container, add the amine and continue to mix to a uniform consistency for 1 to 2 minutes. Avoid high speed mixing that will entrain air into the mix. Thorough mixing of the two components is required.

PHYSICAL CHARACTERISTICS

Pot Life @ 25°C	35 minutes
Cure Rate @ 25°C	8 hours for tack-free surface 24 hours minimum for normal operations
VOC Content (ASTM D-2369, Method E)	34 g/l

Note: The above physical properties were measured in accordance with the referenced standards. Samples of the actual floor system, including binder and filler, were used as test specimens. All sample preparation and testing is conducted in a laboratory environment, values obtained on field applied materials may vary and certain test methods can only be conducted on lab made test coupon

APPLICATION

Stonkote CE4 can be applied at ambient temperatures of 16 to 29°C and humidity below 80%. The Sealer must be applied immediately after mixing the two components. Stonkote CE4 is applied with a squeegee and medium nap roller. The roller is used to remove squeegee lines and smooth out the surface. A brush may be used where necessary. Each additional coat may be applied when the surface is tack-free, which is about 8 hours. Any questions regarding the application of Stonkote CE4 should be directed to Stonhard's Technical Service Department.

NOTES

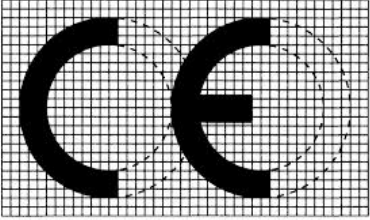
- Procedures for maintenance of the flooring system during operations are described in the Stonkleen Floor Cleaning Procedures Brochure.
- For environments not referenced in the Chemical Resistance Guide, please consult Stonhard for recommendations.
- Safety Data Sheets for Stonkote CE4 are available on line at www.stonhard-europe.com under Products or upon request.
- A staff of technical service engineers is available to assist with installation or answer questions related to Stonhard products.
- Requests for technical literature or service can be made through local sales representatives and offices, or corporate offices located throughout the world.
- The appearance of all floor, wall and lining systems will change over time due to normal wear, abrasion, traffic and cleaning. Generally, high gloss coatings are subject to a

reduction in gloss, while matte finish coatings can increase in gloss level under normal operating conditions.

- Surface texture of resinous flooring surfaces can change over time as a result of wear and surface contaminants. Surfaces should be cleaned regularly and deep cleaned periodically to ensure no contaminant buildup occurs. Surfaces should be periodically inspected to ensure they are performing as expected and may require traction-enhancing maintenance to ensure they continue to meet expectations for the particular area and conditions of use

CE MARKING

The harmonized European Standard EN 13813 „Screed material and floor screeds- Screed materials - Properties and requirements“ specifies the requirements for screed materials for use in floor construction internally. Resinous flooring systems as well as resinous screeds fall under this specification they have to be CE-labeled as **per Annex ZA., Table ZA.1.5 and 3.2** and fulfill the requirements of the given mandate of the Construction Products Regulation no. 305/2011

	
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EC-DOP-2013.13.005	
EN 13813 SR-AR0.5-B2.0	
Synthetic resin coating system for use internally in buildings ² (system as per Product Data Sheet)	
Reaction to fire:	B _{fi} -S ¹
Release of corrosive substances:	SR
Wear resistance:	≤ AR0.5
Adhesion strength by pull-off test:	> B2.0
Chemical resistance:	CRG ¹
⁽¹⁾ CRG: see Stonhard Chemical Resistance Guide	
⁽²⁾ Tested as part of a system build-up with Stonclad GS	

IMPORTANT:

Stonhard believes the information contained here to be true and accurate as of the date of publication. Stonhard makes no warranty, expressed or implied, based on this literature and assumes no responsibility for consequential or incidental damages in the use of the systems described, including any warranty of merchantability or fitness. Information contained here is for evaluation only. We further reserve the right to modify and change products or literature at any time and without prior notice.

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