

PRODUCT DESCRIPTION

Stonclad UL Coving Sealer is a 4-component polyurethane mortar sealer. Stonclad UL Coving Sealer consists of a urethane-urea binder, pigments and graded quartz aggregates. Stonclad UL Coving Sealer is used as a sealer coat for covings where a smooth, matt finish with excellent wear resistance and chemical resistance is required.

USES

Stonclad UL Coving Sealer is used to seal coving mortars that are applied in conjunction with Stonclad UL.

SYSTEM OPTIONS

Cove Base

To provide for an integral seal at the joint between the floor and the wall, cove bases in height from 5 to 15cm are available – refer to Pro-Struct 618/22.

PACKAGING AND COVERAGE

Coving Sealer

1 Litre kit Stonclad UL Coving Sealer Parts A, B, C1 and pigment pack – 20 linear metres per kit for 5 x 10cm cove.

NOTE: Coverage rates shown are theoretical. Actual coverage rates may vary. Make necessary allowances for the condition of the surface to be coated, working conditions, waste, spillage, experience level and skill of the installers, etc.

REFERENCE SAMPLE

A trial reference sample should be installed by the Applicator prior to start of contract to ensure correct coverage and workmanship.

STORAGE CONDITIONS

Store all components of Stonclad UL Coving Sealer between 16 to 30°C in a dry area. Avoid excessive heat and do not freeze.

SHELF LIFE

The shelf life is 1 year for the isocyanate and polyol and 6 months for the Part C1 in their original, unopened containers.

TYPICAL PROPERTIES AT 25°C

Finish	Pigmented matt
Colour	Refer to Stonclad Colour Chart
Volume Solids	100%
Number of Components	4
Pot Life	15 Minutes
Apply Over	Prepared coving mortar
Apply By	Brush
Curing Time	8 Hours foot traffic 24 Hours normal operation
VOC Content	33 g/l
Application Temperature Range	15°C to 32°C
Cure Rate at 25°C	8 Hours foot traffic 24 Hours normal operation
Heat Resistance Limitation	Continuous: 60°C Intermittent: 75°C
Chemical Resistance	Consult StonCor Africa Technical Service

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 coupons.

PLACEMENT GUIDELINES

SCOPE OF WORK (BOQ)

Prepare surfaces and apply Stonclad UL Coving Sealer as a sealer coat for covings applied in conjunction with Stonclad UL.

NOTE: Do not attempt to install this material unless application team is fully trained and understands the requirements of working with materials with short application times within the specified temperature range. Substrate and material temperature are to be within 16 to 30°C.

SUBSTRATE PREPARATION

The coving mortar needs to be properly prepared prior to the application of Stonclad UL Coving Sealer. The substrate must be dry and free of all wax, grease, oils, fats, loose or foreign materials. After cleaning, abrade the surface by lightly sanding the coving mortar to remove any high spots and loosely bonded material. For recommendations or additional information regarding substrate preparation, please consult StonCor's "Surface Preparation Methods".

MIXING

Empty the entire contents of the Activator component into the Base component and mix for 30 seconds using an impeller fitted to a variable speed drill. Add the pigment pack and continue mixing for a further 30 seconds. Pour in the aggregate and mix for another 90 seconds. Immediately send the mixed material to the application area and within 30 seconds start another mix.

APPLICATION

Transfer the mixed material to a paint tray and apply Stonclad UL Coving Sealer using a brush on the prepared coving mortar. Apply 2 to 3 coats of Stonclad UL Coving Sealer at approximately 20 linear metres/kit/coat for 5 x 10cm cove, allowing 6 to 12 hours curing between coats.

CURING

If temperatures are between 16 to 30°C, the coating system can be exposed to light traffic after 24 hours. Excessive traffic, aqueous cleaning and exposure to aggressive chemicals should only take place after 4 to 5 days when full cure has been achieved.

RECOMMENDATIONS

- **DO NOT** attempt to install material if temperature of components and substrate are not within 16 to 30°C. The cure time and application properties of the material are severely affected.
- **DO NOT** use water or steam in the vicinity of the application. Moisture can seriously affect the working time and other properties.
- Protect areas from dust and isolate access. Contamination between layers will affect the final appearance.
- Avoid contact with all liquid Parts A and B as they may cause skin and/or eye irritation. Workmen should cover hands with protective creams or rubber gloves and wear safety glasses.
- Use only with adequate ventilation.

NOTES

- Procedures for maintenance of the flooring system during operations are described in "StonCor Cleaning Procedures".
- Specific information regarding chemical resistance is available on request.
- Material safety data sheets are available on request.
- A staff of technical service engineers is available to assist in installation or to answer questions related to our flooring products specifically or flooring problems in general.
- Requests for technical service or literature can be made through local sales representatives and offices, or corporate offices located throughout the world.

COLD CONDITIONS

Low temperatures decrease flow, delay set and affect water resistance and final appearance. Materials should be conditioned for 16 hours at 21 to 27°C; heaters should be utilised to warm floors.