

STONSEAL® 722

PRODUCT DESCRIPTION

Stonseal 722 is a two component, clear, non-slip solvent-free liquid epoxy cured with an aliphatic amine designed to have excellent substrate wetting and adhesion on a variety of Stonhard floor finishes requiring encapsulation.

USES

Clear non-slip floor coating on top of suitably prepared interior floor systems for workshops, police cells, ablution blocks, walkways, food processing plants, hospitals and schools

PRODUCT ADVANTAGES

- Easy cleaning, non-slip surface
- Universal application on Stonhard flooring systems
- Excellent chemical resistance

PACKAGING AND COVERAGE

5 Litre kit Stonseal 722, Parts A + B
Smooth roll-on sealer for flat surfaces, 5 to 6m²/litre/coat

STORAGE CONDITIONS

Store both components of Stonseal 722 between 16 to 30°C in a dry area. Avoid excessive heat. Do not allow to freeze.

SHELF LIFE

24 Months if stored between 16°C to 30°C

TYPICAL PROPERTIES AT 25°C

Finish	Semi-gloss, non-slip
Colour	Clear
Consistency	Liquid
Volume Solids	100%
Theoretical Coverage Per Coat	6 to 8m ² /litre/coat (min. 2 coats)
No. of Components	2
Mix Ratio by Volume	Mix complete kit
Apply Over	Stonhard solvent-free coatings
Apply By	Short nap roller
Curing Time	12 Hours – recoat 24 Hours – service 7 Days – full cure
Thinner	Nil
Shelf Life	18 to 24 Months
Max Service Temperature	60°C wet / dry
Application Temperature Range	15°C to 36°C
Dew Point	Substrate to be 2° above dew point
VOC Content	34g/litre

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, values obtained on the field applied materials may vary.

PLACEMENT GUIDELINES

SCOPE OF WORK (BOQ):

Prepare surface and apply 2 coats of Stonseal 722 over Stonhard flooring systems, in accordance with Manufacturer's detailed instructions.

SUBSTRATE PREPARATION:

Preparing Stonhard flooring systems and recoating:

Before coating a Stonhard floor, all trowel marks and surface imperfections must be removed to produce a smooth surface. If applied directly to concrete, grind the floor using a floor grinder with medium stones and vacuum using an industrial wet / dry vacuum to remove all dust particles. Other contaminants may be removed by scrubbing with heavy-duty detergent Carboclean 250 and Carboclean 252 and rinsing with clean water.

MIXING:

Empty the entire contents of the Base and Activator components into a clean, dry mixing container. Mix thoroughly for 2 minutes with an impeller fitted to a variable speed drill. Transfer material into another mixing container, scraping the sides and bottom of the container and remix for another 2 minutes. This step is critical to ensure complete cross-linking of components is achieved. Do not aerate mix nor mix by hand.

APPLICATION:

Onto the clean, dry, sound Stonhard floor system, apply a minimum of 2 coats of mixed material out of paint trays using a short nap mohair roller at 6 to 8m²/litre/coat, allowing 8 to 12 hours drying between coats. The use of floor lights is critical to ensure even spread and levelling without pooling has been achieved. Clean equipment immediately after use with Pro-Struct 105 Brush Cleaner and rinse off in clean water.

CURING:

At normal temperature conditions 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 7 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 operation are described in "StonCor Cleaning Procedures".
- Specific information regarding chemical resistance is available in the Chemical Resistance Guide.
- 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°C to 27°C; heaters should be utilised to warm floors.