

COSTAFLO 600 SL

Three Component, Solvent Free, Anti-static and Anti-Bacteria Epoxy-Based Self-Leveling Floor Topping

Description

COSTAFLO 600 SL is three-component, solvent free epoxy resin based self-leveling floor topping with high mechanical strength developed for use on metal and concrete surfaces. It provides a seamless, tough, chemical resistant and hygienic floor surface.

Features

- Self-Leveling
- Ensures a hard and durable surface
- Seals surface preventing water, fuel and oil permeability
- Does not contain pigments
- Ensures safe use in places with poor ventilation
- Seamless dust free and easy to clean surface
- Excellent surface hardness, mechanical and resistance
- Excellent flexural and tensile strength
- Dense corrosion resistance surface
- Great resistance to chemicals, acid and solvents
- Great anti-static properties

Application Area

COSTAFLO 600 SL is used to provide a heavy duty leveled surface for storage and assembly halls, maintenance workshops, garages, loading ramps, factories, warehouses, shopping centers, laboratories, plant room for pharmaceutical and health care product manufacturing units, operation theatres, food & beverage manufacturing industries etc.

Application

Surface Preparation

New concrete surfaces and cementitious plasters must be cured for at least 28 days. It should be dry, free from loosely adhering particles, laitance and grease. All particles must be vacuumed from the surfaces before application. Sand blasting also must be made if necessary.

Old concrete surfaces, cementitious plasters and all other similar surfaces should be dry, free from loosely adhering particles, laitance, grease, paint and should be cleaned with a light sand blasting process if possible or by scraping or brushing.

Priming

The surface shall be primed with Costaflo 500. For highly porous substrates, a 2nd coat may be required. The coating is applied when the primer is dry. However, in all circumstances, the coating shall be applied within 24 hours of application of the primer. If the primer surface is left open for more than 24 hours, then a fresh coat of primer has to be re-applied.

COSTAFLO 600 SL



Call Us:
+9254348314

E-mail Us
Info@costarchem.com

Office Address:
5041 Mountaire Area, Antioch, California, USA

COSTAFLO 600 SL

Three Component, Solvent Free, Anti-static and Anti-Bacteria Epoxy-Based Self-Leveling Floor Topping

Product Preparation

Conseal 600 SL components are to be mixed at site and used. However, part mixing is strictly prohibited. Take a suitable container and pour the resin (A) into it. Add the hardener (B) into the resin and mix thoroughly with a paddle mixer. Use of a slow speed drill is recommended to reduce the formation of air bubbles. Then slowly add the filler (C) into the container and mix thoroughly for a few minutes.

Product Application

Apply the Costaflo 600 SL, by pouring on to the primed surface and spread with a steel notched trowel to achieve a 2mm to 4mm seamless topping. Once the material is evenly spread, continuous spiking with a spiked roller is to be done to remove all entrapped air. Spiking adjacent layers is recommended to be done at 50% overlaps.

Technical Specification

Number of Components	3
Mixture Pot Life	35 Minutes /23C, 200 g. (DIN 16945)
VOC	0 g/l (does not contain volatile organic materials.)

Shelf Life

1 year in its original intact container at temperatures between +5 and +25°C

Packaging

Part A (Hardener):3 Kg
Part B (Resin):5Kg
Part C (Powder):7.5Kg

Application Condition

Surface Temperature:	Minimum +10oC / Maximum +30oC
Ambient Temperature:	Minimum +10oC / Maximum +30oC
Material Temperature:	It must be between +10oC and +30oC.
Surface Moisture Content:	Humidity rate in the concrete must be maximum 4%.
Relative Humidity:	It must be maximum 80%.
Dew Point:	Temperature of the surface to be applied must be at least 30°C above the dew point.

Consumption

Theoretical consumption is approximately 4-5 m²/L
Note that consumption may vary depending on the state of the substrate

COSTAFLO 600 SL



Call Us:
+9254348314

E-mail Us
Info@costarchem.com

Office Address:
5041 Mountaire Area, Antioch, California, USA

COSTAFLO 600 SL

Three Component, Solvent Free, Anti-static and Anti-Bacteria Epoxy-Based Self-Leveling Floor Topping

Health and Safety

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable protective clothing, gloves and eye/face protection.

If swallowed, seek medical advice immediately and show this container or label.

Limited Warranty

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use away.

COSTAFLO 600 SL



Call Us:
+9254348314

E-mail Us
Info@costarchem.com

Office Address:
5041 Mountaire Area, Antioch, California, USA