COSTARFLO 100

Normal Setting Cementitious Self-Leveling Underlayment

COSTAFLO 100

Description

COSTARFLO 100 is a cementitious self-leveling single component product, suitable for use in light to Medium-duty internal applications on new or existing substrates in order to receive all kinds of flooring covering. It has good abrasion resistance and provides a tough surface.

Features

- Excellent self-leveling properties
- Low VOC
- Smooth surface profile
- Excellent bonding properties
- High Strength and reduced Shrinkage
- Ensures safe use in places with poor ventilation
- Excellent flow with long slump life
- Excellent flexural and tensile strength
- Dense corrosion resistance surface
- Great resistance to chemicals, acid and solvents
- Great anti-static properties

Application Area

COSTARFLO 100 is used in areas such as:

- Hotels, theaters, hospitals, schools Industries, etc.
- For levelling existing concrete pavements, terrazzo, ceramic, or natural stone after a good surface preparation and priming.
- It can be applied over light weight screed.

Application

Surface Preparation

Clean surface of oil, grease, dirt, laitance and loose material, down to sound concrete. New concrete surfaces should be allowed to cure 4 – 6 weeks. All cracks and damaged areas should be repaired.

Priming

Concrete substrates should be primed with Costar Primer 10 before application of Costarflo 100.

Mixing Instruction

Do not mix partial bags, each 20 Kg bags of Costarflo 100 is to be mixed with 5 liters of clean water in a paddle type mixer on a slow speed drill. Slowly add the Costarflo 100 into the water. Mix for a minimum of 2 minutes until lump free. Ensure that the mixed material has a temperature not exceeding 300.

Pour the mixed material onto the prepared floor and allow to flow and attain a smooth finish. Minimal work with a smoothing trowel is required. The use of a spiked roller will help eliminate entrapped air and smooth out flow lines to give a more uniform surface appearance. The mixed material should be applied at a thickness between 3mm to 6mm, but can be taken down to a feathered edge if required. For best results, an overall thickness of atleast 3mm should be maintained.

Call Us:
+9254348314

E-mail Us
Info@costarchem.com

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

COSTARFLO 100

Normal Setting Cementitious Self-Leveling Underlayment

COSTAFLO 100

Consumption

Theoretical coverage for costarflo 100 is 1.7Kg/m^2/mm thickness. Depends on surface profile.

Packaging

20Kg

Technical Specification

Color	Grey
Density	1.6Kg/l
Chloride	<0.05%
Substrate Temperature	10-35^{0}C
Working Time	30-45 minutes
Compressive Strength (Mpa)	
1 Day	44.3Mpa
7 Days	50.8Mpa
28 Days	67.1 Mpa
Flexural Strength (Mpa)	
1 Day	7.6Mpa
7 Days	9.3Mpa
28 Days	11.0 Mpa

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.
- Keep the coating materials above 10C.
- Do not apply when surface temperature is below 10ºC or over 35ºC
- Do not apply in environments of high humidity/moisture, or if pending rain is a possibility.
- Once mixed, it be must use within its pot life as specified in earlier section

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.

Call Us:
+9254348314

E-mail Us
Info@costarchem.com

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