

# STONE FLOOR COATING

## SFC – 633

No. TD : S-030  
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**STONE FLOOR COATING SFC – 633** is a two-component aliphatic acrylic polyurethane lacquer. This product is used as a top coat on natural stone, cement, asbestos and other mineral substrate. This product can be use for interior and exterior. With its excellent gloss resistance, non chalking and non yellowing, this product can be re-coated after a long atmospheric exposure.

### PRODUCT SPECIFICATION

Type : Two component aliphatic acrylic polyurethane  
 A Component **SFC - 633**      B Component **Hardener SFC - 633**

Appearance : Slight milky liquid

Finish : SFC - 633 : wet look  
 SFC - 633 Clear Dof : dof  
 (depend on substrate porosity and layer of coating)

Solid by volume (mixture) : 24 % ± 1

Specific gravity (mixture) : 0,94 ± 0,02 g/cc

Flash point : 27°C

Packaging : 1 kg set  
 Component A SFC 633 : 500 gr  
 Component B Hardener SFC 633 : 250 gr  
 Thinner UT 02 : 220 gr

Storage Stability : Two year if stored in cool and dry place, also in original not opened package. (Do not store below freezing point)

### APPLICATION

Application condition : 20 - 40°C, 60 - 80%RH  
 Application method : Brush Roller Conventional spray  
 Mixing ratio by weight

A Component (SFC - 633)	:	B Component (Hardener SFC - 633)	:	Thinner (TH UT-02)	= 2 : 1 : 0.75
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Thinning ratio by weight : maximum 25%

Viscosity of mixture (DIN 4) : 9 – 13 sec

Thinner : Thinner UT 02 or THPU – 2713 STD

Pot life (mixture, 30°C) : 150 minutes (1 kg set mixture)

Wet film thickness : N A

Dry film thickness : N A

Material consumption : 0,20 – 0,30 kg set/m<sup>2</sup> ( for1 layer and depend on substrate porosity)

### FILM PROPERTIES

Drying time  
 Surface dry : 30 minutes (30°C)  
 Hard dry : 4 hours (30°C)  
 Full cure : 7 days (30°C)

Re-coating interval : Minimum 4 hours (30°C)

### SURFACE PREPARATION

- ⇒ Ensure that all surfaces (stone or substrate) should be dry and clean. free from contamination.
- ⇒ Free from oil, water spot dirt or others contaminant.

## INSTRUCTION FOR USE

Prepare one mixture (A+B+Thinner) as much as needed for application.

Firstly stir well Component A **SFC - 633** until homogenous, add Component B **Hardener SFC - 633** and mix thoroughly. Mixing ratio Component A : Component B = 2 : 1. Then add **Thinner UT 02** max 25% and mix until homogenous again. Apply mixed material using brush or roller. To achieve a smooth surface use a good quality brush or roller. An air spray application is also possible. Apply the second layer or coat if necessary.

Do not apply the mixed material after pot life time is over. The mixture could be gelled in 3 hours.

## RECOMMENDED COATING SYSTEM

Preceding coat : -

Subsequent coat : -

## SAFETY PRECAUTION

This product does not contain any material with heavy metals such as lead. Avoid contact with the skin and eyes. Wear suitable protective coating such as overalls, goggles, dust mask, and gloves. Use barrier cream. This product is flammable. Do not smoke. Do not breathe vapor or spray. Use only explosion proof equipment. Provide adequate ventilation during application.

### FIRST AID :

- General : in all cases of doubt, or when symptoms persists, seek medical attention. Never give anything by mouth to an unconscious person.
- Eyes : in the case of accidental splashes, flush eyes with clear running water for 5 minutes while holding eyelids open. If irritation persist, seek medical attention.
- Skin : wash off thoroughly with plenty of water and soap. Do not use solvent or thinner. Removed contaminated clothing. If irritation persist, seek medical attention.
- Inhalation : remove affected person to fresh air area, loosen collar, provide oxygen if breathing is difficult. If affected person is not breathing, administer CPR and seek emergency medical attention.