

SikaFloor® MarineE-43 STRÖ

Deck finish / coving

Technical Product Data

Properties	Component A	Component B	Component C
Chemical base	Epoxy resin	Amine derivatives	Filler
Colour	White (milky)	Clear (brownish)	At customers request
Density (approx.)	1,2 g/cm ³	1,0 g/cm ³	1,5 g/cm ³
Recommended thickness	Min. 3 mm		
Consumption (practical)	0,3 kg/m ² approx		Neutral 0,1 kg/m ² approx. (0,3 – 0,7 mm)
Thickness of more than 4 mm or coving	15 m ² /mm/set or 12 mm coving (height: approx. 80 mm) per set		
SikaFloor® Marine 162	Primer Intermediate layer	0,5 – 0,7 kg/m ²	
Colour - Topcoat	Transparent		
Cure Mechanism	Chemical reaction between the two components		
Curing time of each layer	Approx. 12 hours at +20°C - At a lower temperature; the curing time will be longer.		
Minimum application temperature	+5 °C		
Waiting time between applications	+10 °C	+20 °C	+30 °C
	Min. 24 hours Max. 4 days	10 hours 2 days	5 hours 1 day
Shelf life	Minimum one year when the products are stored dry, unopened at a temperature not exceeding +25°C		

Description

SikaFloor® Marine E-43 STRÖ is a two component epoxy with mineral filler which in combination with quartz can be used as non-skid finishing material included hollowed moulding such as coving. This product is manufactured in accordance with ISO 9001 and ISO 14001 quality assurance systems

Product Benefits

- UV resistant
- High mechanical resistance
- Non-skid finish
- Seamless floor
- Short waiting time
- Low maintenance

Certificates

- Wheel-mark
- United States Coast Guard

Areas of Application

The product is designed to be used as final coat in laundries, galleys, service areas etc.

Industry



Method of Application

Surface preparation

SikaFloor® Marine may be applied on hard foundations such as concrete and steel, which must be dry, free from dust, grease, oil and other substances, which may impair the adhesion.

Mixing process

It is recommended that the product is conditioned to room temperature before mixing.

A) Priming

A set of:

- E-43 component A: 6 kg
- E-43 component B: 2,1 kg

The base has to be stirred thoroughly before adding the hardener. The entire content of the hardener is emptied into the bucket containing the base and mixed using a power drill with appropriate accessories.

B) Intermediate layer:

Thickness 3-4 mm

A set consists of:

- E-43 component A: 6 kg
- E-43 component B: 2,1 kg
- Kiln-dried quartz (0,1-0,3 mm) 12 kg
- Coloured quartz (0,3-0,7 mm): 4 kg

The base has to be stirred thoroughly before adding the hardener. The entire content of the hardener is emptied into the bucket containing the base and mixed using a power drill with appropriate accessories.

After the mixing of the base and the hardener, the quartz (0,1-0,3 mm) is added and the compound is mixed thoroughly. The prepared compound must be used within approx. 15 min. at +20°C

Thickness of more than 4 mm or coving:

A set consists of:

- E-43 Component A: 2,9 kg
- E-43 Component B: 1 kg
- Thixotropic agent: ca. 10% approx.
- Coloured quartz (0,3-0,7 mm) 25 kg

The base has to be stirred thoroughly before adding the hardener. The entire content of the hardener is emptied into the bucket containing the base and mixed

using a power drill with appropriate accessories. The mixture is added to the coloured quartz. It is stirred in an agitator mixer (with fixed vessel). The compound is mixed thoroughly until a dry homogenous consistency is obtained. The prepared compound must be used within approx. 15 min. at +20°C

C) Top coat

Our product SikaFloor® -162 is recommended as top coating for the construction.

One set of SikaFloor® -162 consists of:

- Component A: 6,7 kg
- Component B: 3,3 kg

The entire content of the hardener is emptied into the bucket containing the base and mixed using a power drill with appropriate accessories. The prepared compound must be used within approx. 15 min. at +20°C

Application

A) Priming: with roll

B) Intermediate layer: with nudged trowel, afterwards spike rolled to an even smooth layer, sprinkled with coloured quartz.

Coving: with special tool.

C) Top coat: with rubber trowel or roll.

Packaging Information

A) Primer

One set consists of

Bucket	Component A	6 kg
Bucket	Component B	2,1 kg

B) Intermediate layer 3-4 mm

One set consists of

Bucket	Component A	6 kg
Bucket	Component B	2,1kg
Bag	Kiln-dr. Quartz (0,1-0,3 mm)	40 kg
Bag	Coloured Quartz (0,3-0,7 mm)	25 kg

Thickness of more than 4 mm or coving

One set consists of

Bucket	Component A	2,9 kg
Bucket	Component B	1 kg
Bag	Thixotropic agent	10 kg
Bag	Quartz (0,1-0,3 mm)	40 kg

Bag	Coloured Quartz (0,3-0,7 mm)	25 kg
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C) Top coat

A set of SikaFloor® -162 consists of

Bucket	Component A	6,7 kg
Bucket	Component B	3,3 kg

Important

The base and hardener may not be exposed to freezing temperatures. The prepared SikaFloor® Marine E-43 STRÖ may not be exposed to a temperature, which is lower than +5°C and to water/moisture before being fully cured. The floor applied with SikaFloor® Marine E-43 STRÖ should not be exposed to warm water within min. 10 days.

For additional technical information please contact our technical department.

Notice:

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