

Deckfiller 252

1. Introduction

ALEXSEAL Deckfiller 252 is a solvent-free, epoxy-based, light-weight filler to be used for the fairing of decks prior to the application of teak deck systems. ALEXSEAL Deckfiller 252 has excellent mixing, application and sanding properties. It is designed to be easy processible, while the cured film provides a reliable base for the final decking of the yacht.

2. Range of application

ALEXSEAL Deckfiller 252 is used for fairing of the ready primed steel or aluminium deck.

3. Color

Color of mixture: Light Brown
 Base: Light Blue
 Converter: Brown

4. Coverage

Volume Solids catalyzed without reduction: 100 %
 Density of cured material: 0,5 g/cm³
Note: Coverage rates are figured for base and converter.

	m ² / liter	m ² / gal	sq. ft. / gal	@ DFT in mm (mils)
Theoretical	1	3.8	41	1 mm (¹ / ₂₅ "
Practical Coverage at average thickness	0.15	0.6	6.4	6 mm (¹ / ₄ "
	0.11	0.44	4.8	8 mm (³ / ₈ "
	0.07	0.29	3.2	10 mm (¹ / ₂ "

5. Substrate pre-treatment

The substrate must be clean, dry and free from dust, grease, oil and other contamination. To ensure optimum adhesion, the substrate must be ground and/or blasted with (36 to 60 grit) before priming to ensure system adhesion.

Metal and GRP substrates - optimum mechanical and corrosion resistance values are achieved by proper surface preparation and substrate priming with ALEXSEAL Protective Primer 161. ALEXSEAL Deckfiller 252 may be applied directly to ALEXSEAL Protective Primer 161 without sanding for up to 6 months.

6. Trade names

Standard Base P2520 ALEXSEAL Deckfiller 252 Base
 Standard Converter C2527 ALEXSEAL Deckfiller 252 Converter

7. Mixing ratio

By volume 1 : 1 (Base : Converter)
 By weight 1 : 1 (Base : Converter)

ALEXSEAL Deckfiller 252 must not be reduced.

8. Application

Application equipment: Trowels, spatulas, straight edge materials

The components of ALEXSEAL Deckfiller 252 have different colors to control the mixing process. After mixing, the color of the fillers should be a homogeneous color. If the base and converter are not mixed thoroughly, it could result in an improperly cured batch. Mixing can be done mechanically with slow turning dough mixers or manually.

The material can be easily applied by spatula or trowel; inclusion of air pockets should be avoided. Applying the product to the surface in layers up to 10mm and working up to the desired thickness before pulling the product out with a straight edge, will help avoid creating air pockets in the applied product.

After drying sand to a smooth, even surface. Seal off with Protective Primer 161 before starting to glue the final decking.

For equipment cleaning use R4042 ALEXSEAL Epoxy Primer Reducer.

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Page 1 of 2

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9. Pot life and Drying

Optimal application environment range - min. 15°C (60°F) 40% RH, up to max. 30°C (85°F) 80% RH

Temperature for minimum recoat time	15°C (60°F)	20°C (68°F)	25°C (77°F)	30°C (85°F)	Max Dry Time
Pot Life with C2527 ALEXSEAL Deckfiller 252 Converter	1 hr	40 min	30 min	20 min	N/A
Dry to sand C2527 ALEXSEAL Deckfiller 242 Converter	36 hrs	20 hrs	18 hrs	12 hrs	N/A
Note: The above chart reflects approximate minimum and maximum time. Surface temperature, air flow, direct or non-direct sunlight, and film thickness will affect actual times during application. During the drying phase the minimum temperature is 15°C (60°F). Ideal temperature: 25°C (77°F). The minimum application condition should be 3°C (5.4°F) above dew point.					
Recoating of ALEXSEAL Deckfiller 252 over itself should follow minimum dry to sand times. Scratch sanding with 36 - 60 grit is recommended to ensure adhesion between layers of Deckfiller 252.					

10. Packaging

P2520	ALEXSEAL Deckfiller 252 Base	2 Gal
C2527	ALEXSEAL Deckfiller 252 Converter	2 Gal

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Page 2 of 2

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