

DaeHyup Tech

CRAFTSMANSHIP COVERING YOUR DECK



BILLYTEX SL-1800 FLOOR

Water Mix Type Self Leveling (Standard)

» Production description

BILLYTEX SL-1800 Floor is a deck composition product, which is composed of fine silica sand, cement, gypsum, high fluid powder made of enriched strengthened materials and redispersible polymer powder. It is developed as a new technological deck covering product that was made for the unique environmental-friendly method for installation. It also satisfies IMO Res. MSC. 61(67) FTP code, Annex 1 Part 6.

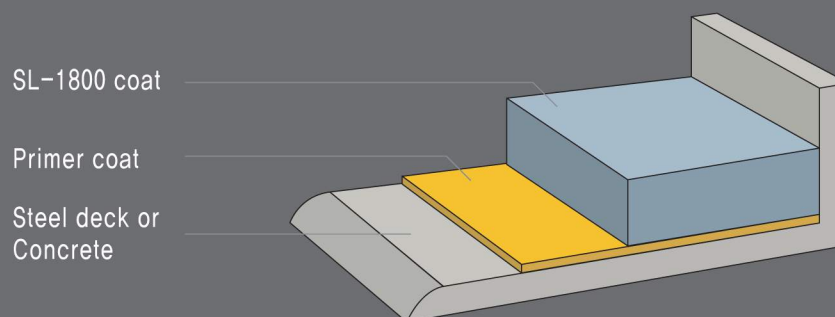
BILLYTEX SL-1800 Floor, as a new deck covering system, has just one coating merit. It solves the problems of complicated consecutive installation procedure. Therefore, it brings economic gains and easy handling.

» Characteristics

- Self leveling property
- Excellent adhesive strength
- Good elasticity
- Non-combustibility
- Good chemical and abrading resistances
- Easily controllable thickness
- Easy handling and economic benefit

» Application

Accommodation decks.
Floors in building



» Certificates

Classification society	CE (MED)	USCG	DNV·GL	BV	LR	ABS	KR	NK	RS
BILLYTEX SL-1800 FLOOR	○	○	○	○	○	○	○	○	○

※ ○: Approved, — : Not applicable

>> Installation Steps

Surface preparation :

BILLYTEX SL-1800 Floor may be applied on hard foundations such as concrete and steel, which should be free of dust, grease, oil, dirt, etc.

Primer :

BILLYTEX SL PRIMER shall be used on steel, concrete and between layers.

Mixing :

1. One set BILLYTEX SL-PRIMER

consists of two components :

–Base : 3kg

–Hardener : 6kg

The entire contents of the hardener is emptied into the base and mix 2~3 min. using a power drill.

BILLYTEX SL-1800 Powder should be applied in 3~16 hours after BILLYTEX SL-PRIMER being completely dried.

2. BILLYTEX SL-1800 Powder :

–Powder : 20 kg / bag

–Water : 4 liter

Application :

BILLYTEX SL-1800 Floor should be applied within the permission of its thickness.

Depending on the working conditions, trowels or spike rollers can be used to maximize surface leveling status.

Curing :

After application of BILLYTEX SL-1800 Floor, the compound should be protected against direct heat and sunlight as well as strong wind. Also it should not be exposed under freezing temperature (Recommended curing temperature is over +5°C)

The floor will be cured after approx.

7-12hours, at +18°C and max. 50% relative humidity, however, the curing time may be variable upon the thickness of the applied layer, temperature, relative humidity and the ventilation of the installed area.

The compound should be completely dry prior to the application of dense finish materials, such as vinyl sheet, stud tile and carpet etc.

Content of moisture $\leq 6\%$.

Cleaning :

Use water for cleaning tools before the compound is cured.

Shelf – life :

The shelf-life is max. twelve months.

Caution :

The BILLYTEX SL-1800 Powder should not be exposed to moisture. The BILLYTEX SL-PRIMER should not be exposed to freezing temperature

For additional technical information, please contact our technical department.

BILLYTEX SL – 1800 FLOOR



BILLYTEX SL-1800 FLOOR – Water mix type Self Leveling (Standard)**>> Technical data**

Basis :	Cement and redispersible polymer powder	
Color :	BILLYTEX SL-1800 BILLYTEX SL-PRIMER	Powder : Grey Base : Blue Hardener : White
Density (g/cm ³) :	Approx. 1.8 (applied)	
Compressive strength (MPa)	41.5	
Fire resistance :	Fire resistant	
Thickness (mm) :	Standard Minimum Maximum	8 4 25
Curing time :	Open time for foot traffic Complete curing time	7 – 12 hours 3 – 5 days

>> Abration Resistance

Mean wear depth	Specification Achieved	Test Limits(mm)	Test Method
0.01	Special	0.05	BS 8204

※ According to ambient conditions and humidity, curing time would be changed.

>> Application method

Materials	Unit	Quantity(kg/m ²)					Remark
		4mm	8mm	10mm	15mm	25mm	
SL-1800 Powder	Kg	7.2	14.4	18	27	45	
Water	Kg	1.44	2.9	3.6	5.4	9.0	

※ Quantity may be changed depending on working condition.

DAEHYUP TECH Co., Ltd. provides a complete range of marine deck covering products such as powder, latex, epoxy and urethane types.

We have been developing our products more than two decades through various experience in manufacturing and installations.

The quality of our products is assured by ISO 9001:2000 and approved by major authorities including leading classification societies in compliance with the IMO rules.

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