

# ***DaeHyup Tech***

CRAFTSMANSHIP COVERING YOUR DECK



## **BILLYTEX BX-B Underlay**

Primary Deck Covering

### » Production description

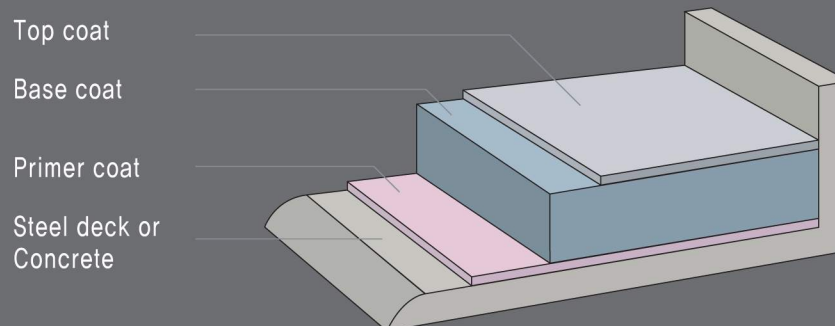
BBILLYTEX BX-B UNDERLAY is a deck composition product, which is composed of silica sand, cement, natural SBR latex, etc. It is 3 coating system, as a standard type, which can be applied for floor and deck in all ship types. It also satisfies IMO Res MSC307(88), 2010 FTP code Annex 1, Part 5. The final coating on the BILLYTEX BX-B UNDERLAY can be vinyl sheet, tile, polyurethane, epoxy paint, etc.

### » Characteristics

- Excellent adhesive component and elasticity like natural rubber
- No crack or no rust by water proofness
- Long life material
- Non-combustibility
- Good chemical and abrading resistances
- Impact absorption from collision
- Special surface preparation is not required before application

### » Application

Accommodation decks.  
Floors in building



### » Certificates

Classification society	CE (MED)	USCG	DNV·GL	BV	LR	ABS	KR	NK	RS
BILLYTEX BX-B UNDERLAY	○	○	○	○	○	○	○	○	○

※ ○: Approved, — : Not applicable

## >> Installation Steps

### Surface preparation :

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

### Primer coat:

BILLYTEX BX-PRIMER & BX-L103, (BX-N103)  
Just finishing of primer coat, Base coat to be carried out immediately.

### Base coat :

BILLYTEX BX-BASE & BX-L103, (BX-N103)  
The compound should be completely dry prior

temperature (Recommended curing temperature is over +5°C)

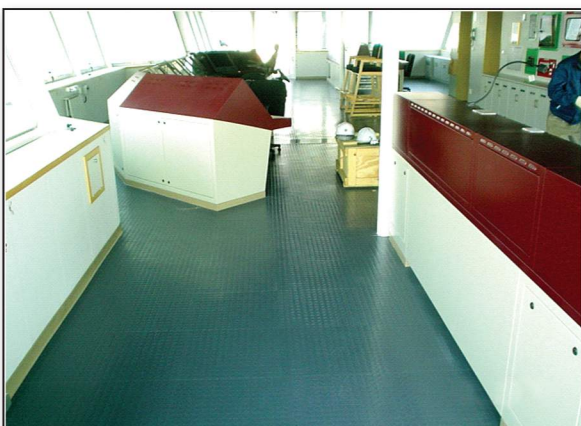
BILLYTEX BX-BASE will be cured after approx. 16-24 hours, at +18°C and max. 50% relative humidity, however, the curing time may be variable upon the thickness of the applied layer, temperature, relative humidity and the ventilation of the installed area.

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  $\leq 6\%$ .

Also it should not be exposed under freezing



## BILLYTEX BX-B Underlay



## BILLYTEX BX-B Underlay Primary Deck Covering

### >> Technical data

Basis :	Cement and synthetic latex	
Color :	BX-PRIMER, BASE, TOP BX-L103, (BX-N103)	Powder : Grey Liquid : White
Density (g/cm <sup>3</sup> ) :	Approx. 1.8 (applied)	
Compressive strength (MPa)	41	
Fire resistance :	Fire resistant	
Thickness (mm) :	Standard Minimum Maximum	8 6 47
Curing time (hours) :	PRIMER BASE TOP	– 16 – 24 2 – 4

### >> Abrasion Resistance

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

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

### >> Application method

Process	Materials	Quantity(kg/m <sup>2</sup> )					Standard thickness	Remark
		6mm	7mm	8mm	9mm	10mm		
Primer coat	BX-PRIMER	0.6	0.6	0.6	0.6	0.6	0.5mm	
	L-103, (N-103)	0.2	0.2	0.2	0.2	0.2		
Base coat	BX-BASE	11.5	13.5	15.5	17.5	19.5	7mm	
	L-103	1.05	1.23	1.41	1.59	1.77		
	(N-103)	(1.15)	(1.35)	(1.55)	(1.75)	(1.95)		
Top coat	BX-TOP	0.9	0.9	0.9	0.9	0.9	0.5mm	
	L-103, (N-103)	0.3	0.3	0.3	0.3	0.3		

※ Quantity may be changed depending on working condition.

※ (N-103) is the volume table when natural latex is applied.

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.

## ***DaeHyup Tech***

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88, Janggiteo 2-gil, Ungchon-myeon, Uiju-gun, Ulsan, Republic of Korea

TEL: +82-52-277-9110-3

FAX: +82-52-277-9114-5

E-mail: [daehyup@dae-hyup.com](mailto:daehyup@dae-hyup.com)

[www.dae-hyup.com](http://www.dae-hyup.com)