

SYSTEMS FOR INTERIOR(S)

3105

a five page issue

January 2010
revision of May 2008

Application areas: wet and dry accommodation spaces, service spaces.

Contains the following specifications:

- Specification 1: multi-purpose epoxy system with an alkyd finish
- Specification 2: multi-purpose epoxy system with an alkyd finish
- Specification 3: recoatable polyurethane/epoxy system
- Specification 4: alkyd system
- Specification 5: waterborne acrylic coating system
- Specification 6: emulsion paint system

GENERAL ASPECTS

Paint systems for wet accommodation spaces, such as bath rooms, showers, galleys and toilets must be corrosion inhibiting, water, soap and scratch-resistant, easy to clean and non yellowing. For reasons of hygiene they should be light coloured.

Paint systems for dry accommodation spaces among which engine room, provision store, cabins, hospital, etc. should have long lasting adhesion to the various substrates, be easily recoatable and usually decorative.

VENTILATION

Adequate ventilation must be maintained during application and curing (please refer to sheet 1433 and 1434)

SPECIFICATION 1	multi-purpose epoxy system with an alkyd finish system is certified for low flame spread, see sheet 1883B	
pretreatment	steel without mill scale; blast cleaned to ISO-Sa2½, blasting profile 40 - 70 µm or power tool cleaned to ISO-St3 steel with approved shop primer; sweep blasted to SPSS-Ss or power tool cleaned to SPSS-Pt2	
paint system	SigmaPrime 700 Sigmarine 48	75 µm 35 µm
maintenance	should preferably be carried out to this specification	

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SPECIFICATION 2	multi-purpose epoxy system with an alkyd finish system is certified for low flame spread, see sheet 1883B	
pretreatment	steel without mill scale; blast cleaned to ISO-Sa2½, blasting profile 40 - 70 µm or power tool cleaned to ISO-St3 steel with approved shop primer; sweep blasted to SPSS-Ss or power tool cleaned to SPSS-Pt2	
paint system	SigmaPrime 200	75 µm
	Sigmarine 48	35 µm
maintenance	should preferably be carried out to this specification	

SPECIFICATION 3	recoatable polyurethane/epoxy system with excellent hygienic properties for wet and dry accommodation and service spaces system is certified for low flame spread, see sheet 1883B	
pretreatment	steel without mill scale; blast cleaned to ISO-Sa2½, blasting profile 40 - 70 µm or power tool cleaned to ISO-St3 steel with approved shop primer; sweep blasted to SPSS-Ss or power tool cleaned to SPSS-Pt2 galvanised steel and aluminium; degreasing and removal of salts by means of mechanical cleaning and rinsing e.g. by brushing with nylon brushes and use of abundant clean fresh water, followed by roughening up surface must be allowed to dry completely polyester and other plastics (to be specified and checked); degreased and freed of contaminants by means of mechanical cleaning wood, hard board, chip board; to be sanded before and after application of the first primer coat	
paint system	SigmaCover 280	50 µm
	SigmaCover 456	75 µm
	SigmaDur 550	50 µm
maintenance	should preferably be carried out to this specification	

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SPECIFICATION 4	alkyd system for dry accommodation spaces when fully cured and not permanently exposed to water system is certified for low flame spread, see sheet 1883B	
pretreatment	steel without mill scale; power tool cleaned to ISO-St3 steel with approved shop primer; power tool cleaned to SPSS-Pt2 wood, hard board, chip board; to be sanded before and after application of the first primer coat	
paint system	Sigmarine 28	75 µm
	Sigmarine 48	35 µm
notes	<ul style="list-style-type: none"> – for wood, hard board and chip board Sigmarine 28 can be replaced by Sigmarine 40 if a very smooth surface is required, a knifing filler should be applied after application of the (thinned) primer – one coat of Sigmarine 28 can be replaced by 2 coats of Sigmarine 24 at a dft of 35 µm each 	
maintenance	should preferably be carried out to this specification	

SPECIFICATION 5	water borne acrylic coating system for dry accommodation spaces system is certified for low flame spread, see sheet 1883B	
pretreatment	steel without mill scale; blast cleaned to ISO-Sa2½, blasting profile 40 - 70 µm or power tool cleaned to ISO-St3 steel with approved shop primer; sweep blasted to SPSS-Ss or power tool cleaned to SPSS-Pt2	
paint system	Sigma AquaCover 25	75 µm
	Sigma AquaCover 45	50 µm
maintenance	should preferably be carried out to this specification	

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SPECIFICATION 6

emulsion paint system for soft board ceilings, plastered pipelines, fibre cement plates and insulating materials with good resistance to wet scrubbing

system is certified for low flame spread, see sheet 1883B

pretreatment

all substrates; removal of contaminants

highly absorbent surfaces, to be impregnated with a strong diluted extra coat

paint system

Sigmatex

40 µm

Sigmatex

40 µm

maintenance

should preferably be carried out to this specification

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REFERENCES

Sigma AquaCover 25	see product data sheet 7150
Sigma AquaCover 45	see product data sheet 7250
SigmaCover 280	see product data sheet 7417
SigmaCover 456	see product data sheet 7466
SigmaDur 550	see product data sheet 7537
SigmaPrime 200	see product data sheet 7416
SigmaPrime 700	see product data sheet 7930
Sigmarine 24	see product data sheet 7135
Sigmarine 28	see product data sheet 7117
Sigmarine 40	see product data sheet 7213
Sigmarine 49	see product data sheet 7240
Sigmarine 48	see product data sheet 7238
Sigmatex	see product data sheet 8215
Safe working in confined spaces	see information sheet 1433
Directives for ventilation practice	see information sheet 1434
Cleaning of steel and removal of rust	see information sheet 1490
Certificates for low-flame spread	see information sheet 1883B
prefabrication primers	see system sheet 3015

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