



# Specification sheet

Hempel (The Netherlands) B.V.

SF 10-01 HQ 20

**Project:** Nieuwbouw stalen jacht.

## Area:

Bodem (Onderwater gedeelte)

## Surface preparation:

Alle constructie staal is gestraald tot een reinheidsgraad van SA 2.5 en voorzien van een geschikte shopprimer, b.v. Sigmaweld MC of Hempel's ZS 15890 in een droge laagdikte van ongeveer 15 micron. Secundaire voorbehandeling:

Zinkzouten verwijderen door middel van borstelen met scotch brite en grondig nawassen met zoet water. Mogelijke beschadegingen in de shopprimer, brandplekken en eventueel gecorroderde delen, mechanisch borstelen tot ST 2-3 en bijwerken met de kwast met HEMPADUR PRIMER 15570-12430 in een droge laagdikte van 50 micron. Oppervlakte dient droog, schoon en vet vrij te zijn alvorens te schilderen.

Nadat deze behandelingen zijn uitgevoerd, kan het onderstaande systeem worden aangebraaqt.

Product name (including quality number)	Treated area		Shade no.	Film thickness (micron)		Theoretical spreading rate (sqm/ltr)	Application methods			Recommended	
	%	Shade		Wet	Dry		Brush	Roller	Spray	Nozzle orifice	Nozzle pressure
HEMPADUR 15570	f/c	Reddish grey	12430	100	50	10.8	(X)		X	.019"-.021"	175 bar
HEMPADUR MASTIC 45880	f/c	Red	50630	200	150	5.1	(X)	(X)	X	.017"-.023"	250 bar
HEMPADUR MASTIC 45880	f/c	Grey	11480	200	150	5.1	(X)	(X)	X	.017"-.023"	250 bar
HEMPADUR 45182	f/c	Yellowish grey	25150	175	75	6.1	(X)		X	.023"	200 bar
HEMPEL'S ANTIFOULING COMBIC TIN FREE 71990	f/c	Light red	50300	175	100	5.7	X		X	.023"-.027"	250 bar
HEMPEL'S ANTIFOULING COMBIC TIN FREE 71990	f/c	Red	51110	175	100	5.7	X		X	.023"-.027"	250 bar
t/u: touch up	f/c: full coat	Total d.f.t.			625		X: Recommended (X): Possible				

Remarks and Product information see next page.

Hempel's PreSale System 2.6.16 (Build 656) User name: Jos Vugts  
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Quality Code:  
 Environment: **Immersion**

# HEMPEL



# Specification sheet

Hempel (The Netherlands) B.V.

SF 10-01 HQ 20

**Project:** Nieuwbouw stalen jacht.

**Area:**

Bodem (Onderweater gedeelte)

Recoating intervals. Ample ventilation

Hrs=Hour(s)

Mth=Month(s)

N/R=Not Recommended

Quality no	D.F.T. (micron)	Recoated with quality no	40°C		30°C		20°C		10°C		0°C		-10°C	
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
15570	50	45880	N/R	N/R	3 Hrs	22½ Day	4 Hrs	30 Day	7 Hrs	60 Day	16 Hrs	90 Day	N/R	N/R
45880	150	45880	5 Hrs	16½ Day	6 Hrs	22½ Day	8 Hrs	30 Day	25 Hrs	90 Day	3 Day	90 Day	6 Day	90 Day
45880	150	45182	5 Hrs	16½ Day	6 Hrs	22½ Day	8 Hrs	30 Day	25 Hrs	90 Day	3 Day	90 Day	6 Day	90 Day
45182	75	71990	2 Hrs	60 Hrs	3 Hrs	3½ Day	4 Hrs	5 Day	8 Hrs	10 Day	19 Hrs	22½ Day	38 Hrs	45 Day
71990	100	71990	4 Hrs	None	6 Hrs	None	8 Hrs	None	14 Hrs	None	24 Hrs	None	52 Hrs	None
Drying time before taking into use, before un-docking			5 Hrs	None	8 Hrs	None	11 Hrs	None	19 Hrs	None	32 Hrs	None	69 Hrs	None

The data, specifications, directions and recommendations (hereinafter "Information") given in this painting specification are based upon test results obtained under controlled or specifically defined conditions and said Information is correct to the best of our knowledge. The User must satisfy itself that it is appropriate to use the Product in accordance with the Information in the actual conditions under which the Product is intended to be used, and the Manufacturer and Seller do not guarantee the accuracy, completeness or appropriateness of the Information when the Product is used in those conditions. The provisions of Clause 8 of the GENERAL CONDITIONS OF SALE, DELIVERY AND SERVICE shall apply to any and all claims arising out of or in connection with the use of the Product as recommended above, overleaf or otherwise.

Hempel's PreSale System 2.6.16 (Build 656)

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# HEMPEL



# Specification sheet

Hempel (The Netherlands) B.V.

SF 10-01 HQ 20

**Project:** Nieuwbouw stalen jacht.

**Area:**

Bodem (Onderweater gedeelte)

**Remarks:**

Antifouling COMBIC 71990 is ook leverbaar in de kleur zwart. (19990)

Product information:		Volume solids %	Curing agent	Mixing ratio volume	Pot life 20 °C	Dry to touch 20 °C	Flash point °C	Thinner	Application restrictions	
Shade no.									Min. Temp. °C	Max. RH%
HEMPADUR 15570	12430	54	95570	3 : 1	2 h	3 h	25	08450	-10	
HEMPADUR MASTIC 45880	50630	77	95880	3 : 1	1 h	4 h	35	08450	-5	
HEMPADUR MASTIC 45880	11480	77	95880	3 : 1	1 h	4 h	35	08450	-5	
HEMPADUR 45182	25150	46	98180	4 : 1	3 h	6 h	23	08450	-10	
HEMPEL'S ANTIFOULING COMBIC TIN FREE 71990	50300	57				4 h	23	08080		
HEMPEL'S ANTIFOULING COMBIC TIN FREE 71990	51110	57				4 h	23	08080		

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# HEMPEL



# Specification sheet

Hempel (The Netherlands) B.V.

SF 10-01 HQ 20

**Project:** Nieuwbouw stalen jacht.

## Area:

Topsides (Bovenwater gedeelte vsanaf waterlijn tot aan dek)

## Surface preparation:

Alle constructie staal is gestraald tot een reinheidsgraad van SA 2.5 en voorzien van een geschikte shopprimer, b.v. Sigmaweld MC of Hempel's ZS 15890 in een droge laagdikte van ongeveer 15 micron. Secundaire voorbehandeling:

Zinkzouten verwijderen door middel van borstelen met scotch brite en grondig nawassen met zoet water. Mogelijke beschadegingen in de shopprimer, brandplekken en eventueel gecorroderde delen, mechanisch borstelen tot ST 2-3 en bijwerken met de kwast met HEMPADUR PRIMER 15570-12430 in een droge laagdikte van 50 micron. Oppervlakte dient droog, schoon en vet vrij te zijn alvorens te schilderen.

Nadat deze behandelingen zijn uitgevoerd, kan het onderstaande systeem worden aangebraacht.

Product name (including quality number)	Treated area		Shade no.	Film thickness (micron)		Theoretical spreading rate (sqm/ltr)	Application methods			Recommended	
	%	Shade		Wet	Dry		Brush	Roller	Spray	Nozzle orifice	Nozzle pressure
HEMPADUR 15570	f/c	Reddish grey	12430	100	50	10.8	(X)	X	X	.019"- .021"	175 bar
HEMPADUR MASTIC 45880	f/c	Red	50630	200	150	5.1	(X)	(X)	X	.017"- .023"	250 bar
HEMPADUR MASTIC 45880	f/c	Grey	11480	200	150	5.1	(X)	(X)	X	.017"- .023"	250 bar
HEMPATHANE HS 55610	f/c	White	10000	150	100	6.5	X	(X)	X	.017"- .021"	175 bar
t/u: touch up		f/c: full coat	Total d.f.t.	450			X: Recommended (X): Possible				

Recoating intervals. Ample ventilation

Hrs=Hour(s) Mth=Month(s) N/R=Not Recommended

Quality no	D.F.T. (micron)	Recoated with quality no	40°C		30°C		20°C		10°C		0°C		-10°C	
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
15570	50	45880	N/R	N/R	3 Hrs	22½ Day	4 Hrs	30 Day	7 Hrs	60 Day	16 Hrs	90 Day	N/R	N/R
45880	150	45880	5 Hrs	16½ Day	6 Hrs	22½ Day	8 Hrs	30 Day	25 Hrs	90 Day	3 Day	90 Day	6 Day	90 Day
45880	150	55610	13 Hrs	26 Hrs	18 Hrs	36 Hrs	24 Hrs	48 Hrs	72 Hrs	6 Day	9 Day	18 Day	17½ Day	35 Day

Remarks and Product information see next page.

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# Specification sheet

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SF 10-01 HQ 20

**Project:** Nieuwbouw stalen jacht.

**Area:**

Topsides (Bovenwater gedeelte vsanaf waterlijn tot aan dek)

**Remarks:**

HEMPATHANE HS is leverbaar in RAL kleuren.

Indien de overschildertijd tussen de HEMPADUR MASTIC 45880 en de HEMPATHANE HS 55610 als te kort wordt beschouwd, kan als tussenlaag de HEMPADUR 45083 worden aangebracht welke een onbeperkte overschildertijd heeft.

In beginsel hoeft er tussen de lagen niet geschuurd te worden om hechting te verkrijgen. Schuren mag wel, indien een gladder oppervalk wenselijk is.

Product information:		Volume solids %	Curing agent	Mixing ratio volume	Pot life 20 °C	Dry to touch 20 °C	Flash point °C	Thinner	Application restrictions	
Shade no.									Min. Temp. °C	Max. RH%
HEMPADUR 15570	12430	54	95570	3 : 1	2 h	3 h	25	08450	-10	
HEMPADUR MASTIC 45880	50630	77	95880	3 : 1	1 h	4 h	35	08450	-5	
HEMPADUR MASTIC 45880	11480	77	95880	3 : 1	1 h	4 h	35	08450	-5	
HEMPATHANE HS 55610	10000	65	97050	7 : 1	2 h	5 h	31	08080	-10	

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# Specification sheet

Hempel (The Netherlands) B.V.

SF 10-01 HQ 20

**Project:** Nieuwbouw stalen jacht.

**Area:**

Dek

**Surface preparation:**

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HEMPADUR MASTIC 45880	f/c	Grey	11480	200	150	5.1	(X)	(X)	X	.017"-.023"	250 bar
HEMPATHANE HS 55610	f/c	White	10000	150	100	6.5	X	(X)	X	.017"-.021"	175 bar
t/u: touch up		f/c: full coat	Total d.f.t.	450			X: Recommended (X): Possible				

Recoating intervals. Ample ventilation

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15570	50	45880	N/R	N/R	3 Hrs	22½ Day	4 Hrs	30 Day	7 Hrs	60 Day	16 Hrs	90 Day	N/R	N/R
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Remarks and Product information see next page.

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SF 10-01 HQ 20

**Project:** Nieuwbouw stalen jacht.

**Area:**

Dek

**Remarks:**

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