

NORSOK – Coating system no. 1

(shall be pre-qualified)



Carbon steel with operating temperature < 120°C

- Structural steel
- Exteriors of equipment, vessels, piping and valves (not insulated)

System No.	Surface preparation	Coating system	DFT μm	Test report number
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Typical systems for newbuildings				
1-83	Sa 2½	Barrier Jotacote Universal, alum. Hardtop AS	75 155 <u>50</u> 280	3410-08-0043 Mt06, NORSOK M-501, Rev. 5
1-85	Sa 2½	Barrier Jotacote Universal, alum. Hardtop CA	90 130 <u>80</u> 300	LAB10-0124-REP, Rev.1 NORSOK M-501, Rev. 5
1-84	Sa 2½	Barrier Jotacote Universal, alum. Hardtop Optima	90 130 <u>80</u> 300	LAB10-0123-REP, Rev.1 NORSOK M-501, Rev. 5
1-62	Sa 2½	Barrier Jotacote Universal, alum. Jotaproof Topcoat	75 175 <u>60</u> 310	3410-06-0029 Mt01, Rev. A, NORSOK M-501, Rev. 5
1-69	Sa 2½	Barrier Jotamastic 87 Aluminium Hardtop AS	75 160 <u>50</u> 285	3410-07-0047 Mt05
1-94	Sa 2½	Barrier Jotamastic 90, aluminium Hardtop XP	60 160 <u>60</u> 280	LAB11-0833-REP NORSOK M-501, Rev. 5
1-95	Sa 2½	Barrier Jotamastic 90, aluminium Hardtop Optima	60 160 <u>60</u> 280	LAB11-0834-REP NORSOK M-501, Rev. 5
1-96	Sa 2½	Barrier Jotamastic 90, aluminium Hardtop CA	60 160 <u>60</u> 280	LAB11-0835-REP NORSOK M-501, Rev. 5
1-97	Sa 2½	Resist 78 Jotamastic 90, aluminium Hardtop Optima	60 160 <u>60</u> 280	LAB11-0836-REP NORSOK M-501, Rev. 5
1-59	Sa 2½	Barrier Jotamastic Plus Jotaproof Topcoat/ Hardtop PS5*	75 150 <u>75</u> 300	STF80MK F06048, NORSOK M-501, Rev. 5
1-82	Sa 2½	Barrier Jotamastic Plus Hardtop Optima	75 130 <u>75</u> 280	3410-08-0043 Mt01 NORSOK M-501, Rev. 5

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1-70	Sa 2½	Barrier Jotamastic Plus Hardtop PS5	75 150 <u>75</u> 300	LAB08-0828-REP NORSOK M-501, Rev. 5
1-74	Sa 2½	Barrier Jotamastic 87 Aluminium WG Hardtop XP	75 160 <u>75</u> 310	LAB08-0832-REP NORSOK M-501, Rev. 5
1-92	Sa 2½	Barrier Jotamastic SF Hardtop AS	60 170 <u>50</u> 280	3410-100049 Mt01, Rev. A NORSOK M-501, Rev. 5
1-93	Sa 2½	Barrier Jotamastic SF WG Hardtop XP	60 170 <u>50</u> 280	3410-100049 Mt02 NORSOK M-501, Rev. 5 Waiting for reports
1-87	Sa 2½	Barrier Penguard Plus Hardtop CA	90 140 <u>60</u> <u>290</u>	LAB10-0131-REP NORSOK M-501, Rev. 5
1-86	Sa 2½	Barrier Penguard Plus Hardtop Optima	90 130 <u>60</u> 280	LAB10-0132-REP NORSOK M-501, Rev. 5
1-60	Sa 2½	Barrier WaterFine Primer WaterFine Topcoat	80 120 <u>80</u> 280	SFT80 MK06049, NORSOK M-501, Rev. 5
1-98	Sa 2½	Barrier Plus Jotacote Universal, alum. Hardtop XP	60 160 <u>60</u> 280	3410-100049 Mt06
1-76	Sa 2½	Resist 78 Jotacote Universal, alum. Hardtop XP	60 160 <u>60</u> 280	3410-07-0055 Mt03 NORSOK M-501, Rev. 5
1-63	Sa 2½	Resist 78 Jotacote Universal, alum. Jotaproof Topcoat/ Hardtop PS5*	75 150 <u>60</u> 285	3410-06-0029 Mt02, Rev B NORSOK M-501, Rev. 5
1-64	Sa 2½	Resist 78 Jotamastic 87 Aluminium Hardtop XP	60 170 <u>50</u> 280	3410-07-0001 Mt02 NORSOK M-501, Rev. 5
1-75	Sa 2½	Resist 78 WaterFine Primer Jotaproof Topcoat	80 120 <u>80</u> 280	3410-07-0055 Mt02 NORSOK M-501, Rev. 5

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1-78	Sa 2½	Resist 78 Penguard Plus Jotaproof Topcoat	75 130 <u>75</u> 280	3410-08-0029 Mt05 NORSOK M-501, Rev. 5
1-65	Sa 2½	Resist 86 Jotacote Universal, alum. Hardtop PS5	75 150 <u>60</u> 285	3410-07-0027 Mt03 NORSOK M-501, Rev. 5
1-80	Sa 2½	Resist 86 Jotacote Universal, alum. Hardtop Optima	75 130 <u>75</u> 280	LAB09-0716-REP NORSOK M-501, Rev. 5
1-79	Sa 2½	Resist 86 Jotamastic Plus Hardtop Optima	75 130 <u>75</u> 280	LAB09-0715-REP NORSOK M-501, Rev. 5
1-66	Sa 2½	Resist 86 Jotamastic Plus Hardtop PS5	75 150 <u>75</u> 300	3410-07-0027 Mt06 NORSOK M-501, Rev. 5
1-68	Sa 2½	Resist 86 Jotamastic Plus Jotaproof Topcoat	80 150 <u>75</u> 305	3410-07-0047 Mt03 NORSOK M-501, Rev. 5
1-77	Sa 2½	Resist 86 Penguard Express Hardtop AS	75 175 <u>40</u> 290	3410-08-0013 Mt04 NORSOK M-501, Rev. 5
1-81	Sa 2½	Resist 86 Penguard Tie Coat 100 Penguard Plus Hardtop CA	60 30 130 <u>75</u> 295	3410-08-0050 Mt05 NORSOK M-501, Rev. 5
1-57	Sa 2½	Resist 86 Penguard Midcoat Hardtop AS	60 200 <u>40</u> 300	3410-05-0011 Mt03, NORSOK M-501, Rev. 5
1-73	Sa 2½	Resist 86 Penguard Tie Coat 100 Jotamastic 87 Aluminium Hardtop AS	75 30 150 <u>50</u> 305	LAB08-0831-REP NORSOK M-501, Rev. 5
1-40	Sa 2½	Resist 86 Penguard Tie Coat 100 Jotamastic Plus Jotaproof Topcoat	75 35 200 <u>75</u> 385	410-02-0033 M03, NORSOK M-501, Rev. 4

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System No.	Surface preparation	Coating system	DFT μm	Test report number
1-14	Sa 2½	Baltoflake Baltoflake	750 <u>750</u> 1500	78.1021.10, NORSOK M-501, Rev. 3
1-90	Sa 2½	Baltoflake Baltoflake	700 <u>700</u> 1400	3410-10-0014 Mt03 NORSOK M-501, Rev. 5
1-91	Sa 2½	Baltoflake Ecolife Baltoflake Ecolife	700 <u>700</u> 1400	3410-10-0014 Mt04 NORSOK M-501, Rev. 5
Typical systems for maintenance				
1-58	UHPWJ	Barrier Jotamastic Plus Jotaproof Topcoat/ Hardtop PS5*	75 150 <u>75</u> 300	SFT80MK F06047, NORSOK M-501, Rev. 5
1-88	UHPWJ	Primastic Universal Primastic Universal Hardtop XP	100 150 <u>50</u> 300	LAB10-0121-REP NORSOK M-501, Rev. 5
1-89	St 3	Primastic Universal Primastic Universal Hardtop XP	100 150 <u>50</u> 300	LAB10-0122-REP NORSOK M-501, Rev. 5

*The system was tested with a topcoat which has expired. The system is still approved with the given topcoats according to NORSOK M-501 Rev. 5, referring the allowance of switching topcoats in an approved NORSOK system. According to this reference other topcoats may also be approved for each NORSOK approved system. Please contact Technical Sales Support Department ([+47 33457000](tel:+4733457000) / tss@jotun.com) for further information.