

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

Pre-qualifications tested according to Rev.5 of Norsok M-501 are still valid as the coating systems also fulfil all requirements in Rev.6.

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
1-109	Sa 2½	Barrier Jotacote Universal, alum. Hardtop Optima	90 130 <u>60</u> 280	3410-09-0023 Mt09 NORSOK M-501, Rev. 5
1-100	Sa 2½	Barrier Jotacote Universal, alum. Hardtop XPF	60 160 <u>60</u> 280	3410-11-000436 Mt02 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, alum. Hardtop XP	60 160 <u>60</u> 280	LAB11-0833-REP NORSOK M-501, Rev. 5
1-95	Sa 2½	Barrier Jotamastic 90, alum. Hardtop Optima	60 160 <u>60</u> 280	LAB11-0834-REP NORSOK M-501, Rev. 5
1-96	Sa 2½	Barrier Jotamastic 90, alum. Hardtop CA	60 160 <u>60</u> 280	LAB11-0835-REP NORSOK M-501, Rev. 5
1-102	Sa 2½	Barrier Penguard Express Hardtop XP	75 150 <u>60</u> 285	LAB10-0821-REP NORSOK M-501, Rev. 5

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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
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	3410-10-0049 Mt01 Rev.A NORSOK M-501, Rev. 5
1-93	Sa 2½	Barrier Jotamastic SF WG Hardtop XP	60 170 <u>50</u> 280	3410-10-0049 Mt02 NORSOK M-501, Rev. 5 Waiting for reports
1-87	Sa 2½	Barrier Penguard Plus Hardtop CA	90 140 <u>60</u> 290	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	3410-10-0049 Mt06 NORSOK M-501, Rev. 5
1-99	Sa 2½	Barrier Plus Penguard Express Hardtop XPF	60 160 <u>60</u> 280	3410-11-000436 Mt01 NORSOK M-501, Rev. 5
1-103	Sa 2½	Barrier Plus Penguard Pro Hardtop Optima	60 150 <u>75</u> 285	SL 12020 NORSOK M-501, Rev. 5

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1-108	Sa 2½	Barrier Plus Penguard Pro Hardtop XP	60 160 <u>60</u> 280	SL 13342 NORSOK M-501, Rev. 6
1-107	Sa 2½	Barrier Plus WG Jotamastic 90, alum. Hardtop CA	60 160 <u>60</u> 280	3410-12-009182 Mt03
1-105	Sa 2½	Barrier Plus WG Jotamastic 90, alum. Hardtop Optima	60 160 <u>60</u> 280	3410-12-009182 Mt01
1-106	Sa 2½	Barrier Plus WG Jotamastic 90, alum. Hardtop XP	60 160 <u>60</u> 280	3410-12-009182 Mt02
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
1-97	Sa 2½	Resist 78 Jotamastic 90, alum. Hardtop Optima	60 160 <u>60</u> 280	LAB11-0836-REP 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
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

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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
1-104	Sa 2½	Penguard Pro GF Penguard Pro GF Hardtop Optima	250 250 <u>75</u> 575	SL 12023 NORSOK M-501, Rev. 5
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

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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 that has expired. The system is still pre-qualified with the given topcoats according to NORSOK M-501 Rev. 5, referring the allowance of switching topcoats in a NORSOK system. According to this reference other topcoats may also be pre-qualified for each NORSOK system.

Please contact Technical Sales Support department (+47 33457000 / tss@jotun.com) for further information.