

# 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)

## Typical systems for newbuilding's

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

Other options are available – contact TSS

System no.	Surface preparation	Coating system	DFT $\mu\text{m}$	Test report number
1-102	Sa 2½	Barrier Penguard Express Hardtop XP	75 150 <u>60</u> <b>285</b>	LAB10-0821-REP NORSOK M-501 Revision 5
1-136	Sa 2½	Barrier Penguard Universal Hardtop AX	60 160 <u>60</u> <b>280</b>	3400-15-022579 Mt09, Rev.1 NORSOK M-501 Edition 6
1-129	Sa 2½	Barrier Penguard Universal, alu Hardtop Pro	60 160 <u>60</u> <b>280</b>	3400-15-019770 Mt02 NORSOK M-501 Edition 6
1-130	Sa 2½	Resist 86 Penguard Tie Coat 100 Jotamastic Plus Hardtop Pro	60 30 130 <u>75</u> <b>295</b>	3400-15-019770 Mt03 NORSOK M-501 Edition 6
1-131	Sa 2½	Resist 86 Penguard Tie Coat 100 Jotamastic 90 WG Hardtop Optima	75 35 150 <u>80</u> <b>340</b>	3400-15-019770 Mt04 NORSOK M-501 Edition 6
1-90	Sa 2½	Baltoflake Baltoflake	700 <u>700</u> <b>1400</b>	3410-10-0014 Mt03 NORSOK M-501 Revision 5
1-180	Sa 2½	Barrier Smart Pack Penguard Express Hardtop XP	60 160 <u>60</u> <b>280</b>	3400-20-032250 Mt03 NORSOK M-501 Edition 6
1-177	Sa 2½	Barrier Smart Pack Penguard Universal Hardtop XP	60 160 <u>60</u> <b>280</b>	3400-20-032618 Mt01B NORSOK M-501 Edition 6

1-178	Sa 2½	Barrier Smart Pack Penguard EXA II Hardtop XP	60 160 <u>60</u> <b>280</b>	3400-20-032765 Mt01 NORSOK M-501 Edition 6
1-142	Sa 2½	Barrier Plus Jotamastic Smart Pack Hardtop One	60 160 <u>60</u> <b>280</b>	SL 16615 NORSOK M-501 ed. 6
1-161	Sa 2½ UHPWJ-WJ-2	Barrier Smart Pack Jotamastic Smart Pack HB Hardtop One	60 160 <u>60</u> <b>280</b>	3400-16-024816 Mt06 Rev. B NORSOK M-501 ed. 6
1-158	≈Sa 2½ Bristle Blaster St 3 80-90 µm	Barrier Smart Pack Jotamastic Smart Pack HB Hardtop One	60 160 <u>60</u> <b>280</b>	3400-16-024816 Mt03 Rev A NORSOK M-501 ed. 6
1-157	≈Sa 2½ Grinded St 3 60-75 µm	Barrier Smart Pack Jotamastic Smart Pack HB Hardtop One	60 160 <u>60</u> <b>280</b>	3400-16-024816 Mt02 Rev B NORSOK M-501 ed. 6
1-173	Sa 2½ Brush	Barrier Smart Pack Jotamastic Smart Pack HB Hardtop Smart Pack	60 160 <u>60</u> <b>280</b>	NO17673 NORSOK M-501 ed. 6
1-154	Sa 2½	Barrier Smart Pack Jotamastic Smart Pack HB Hardtop AX	60 160 <u>60</u> <b>280</b>	3400-17-027222 NORSOK M-501 ed. 6
1-170	Sa 2½ Brush	Jotamastic Smart Pack HB Jotamastic Smart Pack HB Hardtop One	150 150 <u>50</u> <b>350</b>	3400-17-025417 Mt01 NORSOK M-501 ed. 6
1-125	Sa 2½ St 3	Jotamastic 80, alum. Jotamastic 80, alum. Hardtop XP	100 150 <u>50</u> <b>300</b>	3410-13-012057 Mt 01 NORSOK M-501 ed. 6
1-168	Sa 2½ Bristle Blaster St 3 80-90 µm Brush	Jotamastic 90 WG, alum. Jotamastic 90 WG Hardtop One	150 150 <u>50</u> <b>350</b>	3400-17-025417 Mt03 NORSOK M-501 ed. 6

\* NORSOK M-501 Edition 6 and switching of topcoats:  
 "If agreed by the purchaser, the approved topcoat in a pre-qualified coating system, may substitute another pre-qualified topcoat, provided the intermediate coating is the same and the film-thickness of the topcoats are equal"

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- 1) Unless other application method is specified, airless spraying is the application method used.
  - 2) Other surface preparations are also approved for the same coating system. Available upon request.

Please contact Technical Sales Support department (+47 33457000 or [tss@jotun.com](mailto:tss@jotun.com)) for further information.