



APPROVAL OF PRODUCT CERTIFICATE (PRODUKTSERTIFISERINGSBEVIS)

Certificate No:
126.01
Revision No:
0

That the construction parts for mooring

With type designation(s)
Teramax

Issued to
Dongyang Manufacturing Co., Ltd.
147, Dasan-ro, Saha-Gu, Busan, Korea

Is found to comply with
NYTEK23 regulation
NS 9415:2021

And with the following particulars:

Product(s)	Teramax fibre rope
Material(s)	12-strand
MBL	UHMWPE
Max. diameter	See page 2
Weight	See page 2

Application:

Manufacturer(s) / Supplier(s) approved by this certificate is/are accepted to deliver in accordance with NYTEK23 and NS 9415:2021. It is the supplier's responsibility to comply with requirements of relevant product standard for the component.

Product certification scheme: **Type 5**
Reliability class: **2**

Issued at **Bergen** on **2026-07-03**
This Certificate is valid until **2031-07-03**

Performed by:

Olve Vangdal
Lead



Controlled by:

Pål Alexander Fossan
Controller

DNV - Business Assurance is accredited by Norwegian Accreditation as certification body PROD 013 for products regarding the NS 9415:2021, the NYTEK23 regulation and guidelines for product certification according to requirements in NS-EN ISO/IEC 17065.

Particulars of the approval

Product description

Teramax: 12 strand synthetic fibre rope

- Fibre material: UHMWPE

Rope Characteristics

Fibre ropes are to be delivered with a linear mass $\pm 5\%$ of the nominal linear mass given in the tables.

Teramax 12

Size		Linear Density [g/m]	Mass [kg/100m]	Breaking Load [KN]	
Diameter [mm]	Cir. [inch]			Un-spliced	Spliced
6	3/4	23	2.3	41.2	37.1
8	1	39	3.9	65.7	59.1
10	1-1/4	59	5.9	105.9	95.3
12	1-1/2	95	9.5	161.9	145.7
16	2	160	16	269.8	242.8
20	2-1/2	255	25.5	407.1	366.4
24	3	358	35.8	569.0	512.1
28	3-1/2	465	46.5	725.9	653.3
30	3-3/4	520	52.0	799.5	719.6
36	4-1/2	680	68.0	1020.2	918.2
40	5	870	87.0	1245.9	1121.3
44	5-1/2	1040	104.0	1491.1	1342.0
48	6	1210	121.0	1756.0	1580.4
52	6-1/2	1410	141.0	2020.9	1818.8
56	7	1630	163.0	2315.2	2083.7
60	7-1/2	1750	175.0	2472.1	2224.9
64	8	2000	200.0	2766.4	2489.8
68	8-1/2	2260	226.0	3100.0	2790.0
72	9	2540	254.0	3413.9	3072.5
76	9-1/2	2830	283.0	3796.5	3416.9
80	10	3130	313.0	4139.8	3725.8
84	10-1/2	3450	345.0	4561.7	4105.5
88	11	3790	379.0	4934.4	4441.0
96	12	4510	451.0	5768.3	5191.5

Application / Limitation

- A Product Certificate and User Manual shall be issued to the customer together with the construction part.
- All construction parts and all documentation shall be traceable.
- Marking shall be in accordance ISO 9554:2019.
- Quality management system approval covered by ISO 9001.

Periodical assessment

The scope of the Periodical Assessment is to verify that the conditions stipulated for this Approval of Product Certificate is complied with and that no alterations are made to the product design or choice of materials.

Periodical assessments shall be performed at least every 2 years according to NYTEK23.

END OF CERTIFICATE