DNV·GL

Certificate No:
TAE00003CN

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Cable Tray

with type designation(s)
CRAFTY MF and accessories

Issued to
Gouda Holland B.V
Moordrecht, Zuid-Holland, Netherlands

is found to comply with
DNV GL rules for classification – Ships, offshore units, and high speed and light craft

Application :

Products approved by this certificate are accepted for installation on all vessels classed by DNV GL.

Material	**Hot dipped galvanized or Stainless steel**
Suitable for open deck	**Yes**

Issued at **Høvik** on **2019-02-14**
This Certificate is valid until **2023-12-31**.
DNV GL local station: **Rotterdam**

Approval Engineer: **Nicolay Horn**

for **DNV GL**

Marta Alonso Pontes
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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Product description

TYPE:	Crafty MF 100 – Cable ladder for both indoor and outdoor installation.
Standard surface:	Hot Dip Galvanized, Stainless steel 304 / 316L
Thickness:	Hot Dip Galvanized 1,5 mm. Stainless Steel 1,5 mm.

Product no.	With (mm)	Weight (kg)	Length (mm)	Product no.	With (mm)	Weight (kg)	Length (mm)
71002.23*	200	12.18	3000	71006.23*	600	16.00	3000
71003.23*	300	13.13	3000	71007.23*	800	17.02	3000
71004.23*	400	14.09	3000	71008.23*	1000	19.83	3000
71005.23*	500	15.05	3000				

Product no.	With (mm)	Weight (kg)	Length (mm)	Product no.	With (mm)	Weight (kg)	Length (mm)
71702.23*	200	24.36	6000	71706.23*	600	32.00	6000
71703.23*	300	26.26	6000	71707.23*	800	35.84	6000
71704.23*	400	28.18	6000	71708.23*	1000	39.66	6000
71705.23*	500	30.10	6000				

TYPE:	Crafty MF 150 – Cable ladder for both indoor and outdoor installation.
Standard surface:	Hot Dip galvanized, Stainless steel 304 / 316L
Thickness:	Hot Dip galvanised 2,0 mm /Stainless Steel 2,0 mm.

Product no.	With (mm)	Weight (kg)	Length (mm)	Product no.	With (mm)	Weight (kg)	Length (mm)
72002.23*	200	19.49	3000	71006.23*	600	23.32	3000
72003.23*	300	20.45	3000	71007.23*	800	25.23	3000
72004.23*	400	21.41	3000	71008.23*	1000	26.19	3000
72005.23*	500	22.36	3000				

Product no.	With (mm)	Weight (kg)	Length (mm)	Product no.	With (mm)	Weight (kg)	Length (mm)
72702.23*	200	38.89	6000	72706.23*	600	46.64	6000
72703.23*	300	40.90	6000	72707.23*	800	50.46	6000
72704.23*	400	42.82	6000	72708.23*	1000	52.38	6000
72705.23*	500	44.72	6000				

Replace * for: 3 for Hot Dip Galvanized, 4 for SS304 and 6 for SS316L

Application/Limitation

For installation on board Offshore Units and Ships.

The installation is to be mechanically protected in accordance with DNV Rules and especially on weather decks in cargo hold areas and through cargo holds.

Cable ladders must not to be used as a walkway.

Type Approval documentation

Tests carried out

Type tests in accordance with IEC 61537. Salt mist test for ladders of HDG material.

Marking of product

Gouda Holland B.V. – Type designation – Width – Material (cover marking).

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval is complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:
- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routines (RT) checked (if not available tests, RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Assessment to be performed at 2 and 3.5 year and at renewal

END OF CERTIFICATE