Certificate no.:
TAE00004WA

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Cable Tray

with type designation(s)
CT50 & CT80

issued to
AB Wibe
Mora, **Sweden**

is found to comply with
IACS Rec. No. 73 (June 2002)
DNV 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.

Material	**Glass fibre Reinforced Polymer**
Suitable for open deck	**Yes**

Issued at **Høvik** on **2024-08-30**
This Certificate is valid until **2029-08-29**.
DNV local unit: **Sweden CMC**

Approval Engineer: **Ivar Bull**

for **DNV**

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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

Product description

Glass Fibre Reinforced Plastic Cable tray system made of Polyester or Polyester with anti-static properties (AS). Complying with IACS Rec 73 (June 2002).

Cable tray with system height 50mm and widths 50 to 400mm:

CT50	Type designation	Width (mm)	Height (mm)	Length (mm)
	CT50-50-3000	50	50	3000
	CT50-100-3000	100	50	3000
	CT50-150-3000	150	50	3000
	CT50-200-3000	200	50	3000
	CT50-300-3000	300	50	3000
	CT50-400-3000	400	50	3000

Cable tray with system height 80mm and widths 50 to 400mm:

CT80	Type designation	Width (mm)	Height (mm)	Length (mm)
	CT80-50-3000	50	80	3000
	CT80-100-3000	100	80	3000
	CT80-150-3000	150	80	3000
	CT80-200-3000	200	80	3000
	CT80-300-3000	300	80	3000
	CT80-400-3000	400	80	3000

Data given in tables are for straight sections.

Application/Limitation

Cable trays suitable for open deck.
To be installed in accordance with the manufacturer's instructions and DNV rules.
Fire resistant cables shall be installed on cable trays/ladders made of steel.

Cable tray made of Polyester with anti-static properties (AS) with surface resistance tested according to IEC 60079-0 can be installed in gas dangerous areas.

Type Approval documentation

Tests carried out

Type tests are in accordance with IACS REC.73 (June 2002): Impact resistance test, Safe working load test (SWL), Flame retardant test, Smoke and Toxic test, Volumetric and Surface resistivity test.

Marking of product

WIBE – CT50 or CT80 – Length – Width – Material – Manufacturing place - Lot no

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval are 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 Routine Tests (RT) checked (if not available tests according to 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.

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE