

TYPE APPROVAL CERTIFICATE
No. ELE088212XG

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

| | |
|-----------------------------|---|
| <i>Description</i> | Cable ladder systems |
| <i>Type</i> | SL 42...; SL 62...; SLZL...; SLZ... |
| <i>Applicant</i> | OBO BETTERMANN GMBH & CO.KG HUEINGSER RING 52 58710 MENDEN GERMANY |
| <i>Manufacturer</i> | OBO BETTERMANN GMBH & CO.KG |
| <i>Place of manufacture</i> | HUEINGSER RING 52 58710 MENDEN GERMANY |
| <i>Reference standards</i> | IEC 61537:2006; DIN EN 61537:2007 |

Issued in **HAMBURG** on **July 30, 2012**. This Certificate is valid until **July 29, 2017**

RINA
Giuseppe Russo

This certificate consists of this page and 1 enclosure



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SL 42...

SL 62...

SLZL...

SLZ...

Materials/Components

Cable ladder for ship-building, light version, hot-dip galvanized, incl. accessories

- SL 42 075 FT
- SL 42 100 FT
- SL 42 150 FT
- SL 42 200 FT
- SL 42 250 FT
- SL 42 300 FT

Cable ladder for ship-building, light version, primed, incl. accessories

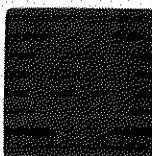
- SL 42 075 SG
- SL 42 100 SG
- SL 42 150 SG
- SL 42 200 SG
- SL 42 250 SG
- SL 42 300 SG

Cable ladder for ship-building, standard version, hot-dip galvanized, incl. accessories

- SL 62 110 FT
- SL 62 160 FT
- SL 62 210 FT
- SL 62 260 FT
- SL 62 310 FT
- SL 62 410 FT
- SL 62 510 FT
- SL 62 610 FT

Cable ladder for ship-building, standard version, primed, incl. accessories

- SL 62 110 SG
- SL 62 160 SG
- SL 62 210 SG
- SL 62 260 SG
- SL 62 310 SG
- SL 62 410 SG
- SL 62 510 SG
- SL 62 610 SG



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Cable ladder with Z-rung for ship-building, light version, hot-dip galvanized, incl. accessories

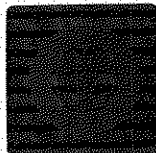
- SLZ L 100 FT
- SLZ L 150 FT
- SLZ L 200 FT
- SLZ L 300 FT
- SLZ L 400 FT
- SLZ L 500 FT
- SLZ L 600 FT

Cable ladder with Z-rung for ship-building, light version, primed, incl. accessories

- SLZ L 100 SG
- SLZ L 150 SG
- SLZ L 200 SG
- SLZ L 300 SG
- SLZ L 400 SG
- SLZ L 500 SG
- SLZ L 600 SG

Cable ladder with Z-rung for ship-building, standard version, hot-dip galvanized, incl. accessories

- SLZ 100 FT
- SLZ 200 FT
- SLZ 300 FT
- SLZ 400 FT
- SLZ 500 FT
- SLZ 600 FT
- SLZ 700 FT
- SLZ 800 FT
- SLZ 900 FT
- SLZ 1000 FT
- SLZ 1200 FT



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Cable ladder with Z-rung for ship-building, standard version, primed, incl. accessories

- SLZ 100 SG
- SLZ 200 SG
- SLZ 300 SG
- SLZ 400 SG
- SLZ 500 SG
- SLZ 600 SG
- SLZ 700 SG
- SLZ 800 SG
- SLZ 900 SG
- SLZ 1000 SG
- SLZ 1200 SG

Reference documents

- OBO Bettermann Catalogue, page 24 up to 27; (Order no. 919641101/2010 EN)

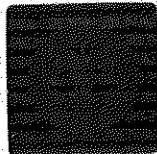
Test Reports:

- No.: 04-600-SL 42-SWL-2012-06-01-e
- No.: 04-600-SL 62-SWL-2012-06-01-e
- No.: 04-600-SLZL-SWL-2012-06-01-e
- No.: 04-600-SLZ-SWL-2012-06-01-e
- Additional OBO Bettermann test reports, dated of 20.08.2012

Remarks

Components to be used according to the instructions given by the manufacturer.

HAMBURG July 30, 2012



Sup. Rev.