

## EMBARKATION LADDER

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### A、 Standard

ISO5489:2008(E), IMO Res MSC.81(70)

Reference standards: Reg. III/11, Reg.III/34 of SOLAS 74 Convention as amended, Res.MSC.36(63)-(1994 HSC Code), Res MSC.48(66)-(LSA Code), Res.MSC.97(73)-(2000 HSC Code), MSC.1/Circ.1285.

### B、 Technical parameter

#### (a) 、 Material

##### 1、 Wood step



Material: Import Liu An, size: 525\*115\*28mm, antiskid lines on the surface.

##### 2、 Rubber step



Material: Ding Qing rubber with steel frame inside, size: 525\*115\*30mm, antiskid lines on the surface

##### 3、 Thimble

Material: ABS



##### 4、 Hoop lock

Aluminium alloy clasp, 20mm wide, 3mm thick



##### 5、 Side rope



Material: Sisal rope, size:  $\Phi$ 22mm, Tensile strength: more than 24kN

#### (b) 、 Overall performance

##### 1、 Unrolling

The steps and attachments shall not be cracked, broken, or loosened. The ladder shall not sustain damage.

2、 Ladder and step attachment strength: Apply a static load of 8.8kN widely

# DESIGN BY DX-MARINE

## Embarkation Ladder Type:YYDCT



distributed over the bottom step for a period of at least 1 min, so that the load is applied evenly between the side ropes through the step attachment fittings. Steps shall not break or crack. Attachments between any step and a side rope shall not loosen or break. Side ropes shall not sustain any observable damage, elongation, or deformation that remains after the test load is removed.



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