ENGINEERED TO STOP BOARDING

A bottom panel straps to the ship's guard rail; an overhanging top panel denies a ladder or hook anything to hold. Rented as a service, fitted by the crew, used on 150+ vessels including ships operated by Maersk and Shell.

TESTED SPECIFICATIONS

BOTTOM PANEL
Static load test up to 500 kg with no deformation or signs of breakage.

LASHING STRAPS
Certified to 800 kg breaking strain.

STRAPS PER SET
4 — 2 × 4 m straps attach the bottom panel to the ship's railing; 2 × 2 m straps secure the top panel to the bottom panel.

SET AND STOWAGE

Coverage per set	**1 m of guard rail**
Sets per pallet	**12 (mixed top and bottom panels)**
Pallet footprint	**1000 × 1300 mm (1.3 m²)**
Crew fitting time	**≈ 1 minute per metre**
Panel size (each panel)	**1.0 m wide × 1.3 m high**
Material	**Polyethylene**
Weight	**Bottom 11 kg, top 6 kg (17 kg per set)**

RIGGING SEQUENCE [CHECK]

1. Position the bottom panel against the guard rail.
2. Fit the two 4 m straps around the rail and ratchet tight.
3. Seat the top panel on the bottom panel, overhang outboard.
4. Secure with the two 2 m straps. Repeat for each metre.



BETWEEN TRANSITS

Most operators keep it on board, rigged or stowed flat, ready for the next transit. Prefer it ashore? We can store it for you, though repeated port deliveries usually add more cost and admin than they save.

EXAMPLE

A 200 m ship protected from the stern to the manifold on both sides needs 200 sets, plus 30 across the stern: 230 sets, which is 20 pallets, or about 26 m² of deck.

BMP

Supports vessel hardening consistent with BMP5 and BMP Maritime Security (2025) as part of your ship security plan.