



Rolling progress

**Marine Grade  
Aluminium  
Sheet & Plate**

# Products

## Marine Grade Aluminium Shate and Plate

Elval Aluminium Shate and Plate has been developed for high corrosion resistance, strength and ductility, at normal or cryogenic temperatures and is widely offered for Marine, Silos and LNG applications.

The wide range offered in width and thicknesses, along with the excellent material and weldability properties, provides great opportunities for light weighting and less welding points.

Elval's High - Magnesium portfolio of products, consists of a broad range of aluminium alloys, that has been specifically developed for the shipbuilding industry, providing excellent solutions for lightweight construction of high speed catamarans, ferries and mega-yachts.



Photographs courtesy of Austal

### Dimension Range

#### Imperial

Gauge	up to 4.73"
Width	up to 98.4"
Length	up to 465"

#### Metric

Gauge	up to 120mm
Width	up to 2,500mm
Length	up to 11,800 <sup>1</sup> mm

<sup>1</sup> Greater lengths can be considered upon request

## Production Capabilities

Alloy	Temper
5086	H321, H116, H111, -0-
5083	H321, H116, H111, -0-, H128
5456	H321, H116
Poseidon - Hi Strength 5083	H321, H116, H111, -0-

Other alloys and tempers upon request.



## Quality Certification

Production according to EN, AA/ASTM standards.

Certificates from DNV•GL, ABS, RINA, BV, KR or LRS will be provided upon request.



**BUREAU  
VERITAS**





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