

Westgate

5083

(UNS A95083) W Nr.3.3547

Chemical composition	Al	Mg	Mn	Cr	Fe	Si	Zn	Ti	Cu	Others
% Present (Max)	Balance	4.0–4.9	0.40–1.0	0.05–0.25	0.40	0.40	0.25	0.15	0.10	0.05 each / 0.15 total

Alloy 5083 is one of the highest strength non-heat-treatable aluminium alloys. It offers excellent corrosion resistance in seawater and industrial environments, and retains good strength even after welding – which makes it a favourite for marine and pressure vessel applications.

Specifications:

QQ-A-200/4 – General aluminium alloy specification (sheet, plate)

QQ-A-250/6 – 5083 sheet and plate

BS N8 – UK designation for 5083 plate/sheet

Note: Values are in accordance with EN 10088 specifications. Actual mill certs available upon request.



sales@westgatestainless.com



01922 745664