



Certificate No : MD00/4700/0001/1

**MANNSTAEDT GmbH**  
Mendener Str. 51  
53840 Troisdorf  
Germany

has been approved as a manufacturer in accordance with the requirements of Lloyd's Register for :-

**Steel Sections**

This approval is subject to compliance with the Rules for the Manufacture, Testing and Certification of Materials. The full details of the processes and grades to which this approval applies are given in the Appendix of this certificate.

Lloyd's Register is to be notified of any change that may affect the validity of this Certificate.

This Certificate is issued to the above manufacturer and is valid until the date given below.

**Valid Until : 30 August 2020**  
**Date of Issue : 31 August 2017**

A handwritten signature in blue ink, appearing to read "Colin Waylen", is written over a horizontal line.

**Colin Waylen**  
Principal Specialist to Lloyd's Register EMEA  
A member of the Lloyd's Register group



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Appendix 1

MANNSTAEDT GmbH

Mendener Str. 51

53840 Troisdorf

Germany

Sections	Normal Strength	Grades	mm thickness Maximum
As Rolled	Killed	A	12.0
Sections	Higher Strength	Grades	mm thickness Maximum
As Rolled	Fine Grain Al+V	AH32, AH36, DH32, DH36	12.0
As Rolled	Fine Grain Al+Ti	AH32, AH36	12.0

Valid Until : 30 August 2020  
Date of Issue : 31 August 2017

**Colin Waylen**

Principal Specialist to Lloyd's Register EMEA  
A member of the Lloyd's Register group