



Declaration of Performance

No. DP17

Angle Cleats TC100X65X180A, TC100X65X85B, TC100X65X85C

Type: Coldformed steel items to EN 1090-2, EXC2 and in accordance with the respective component specifications at <http://www.steel.ie>

Intended use/s: Structural metallic construction components intended for use in steel structures or composite steel and concrete structures where the components can be made from hot rolled, cold-formed or with other technologies produced sections/profiles with various shapes, flat products (plates, sheet, strip), bars, castings, forgings made of steel materials.

Manufacturer: Duggan Profiles and Steel Service Centre Ltd.
Dublin Road,
Kilkenny,
Ireland

System of assessment and verification of constancy of performance: System 2+

Notified Body: NSAI
1 Swift Square
Northwood Business Park
Santry
Dublin 9.

Notified Body No: 0050

NSAI has performed (i) initial inspection of the manufacturing plant and factory product control and (ii) continuous surveillance, assessment and evaluation of factory production control and issued Factory Production Control certificate 0050-CPR-0894

Essential characteristics	Performance ¹	Harmonised technical specification
Tolerances on dimensions and shape	Tolerances on Plate in accordance with EN 10029 Class A. Fabrication tolerances to EN 1090-2.	EN 1090-1: 2009 + A1: 2011
Weldability	S275JR to EN10025-2	EN 1090-1: 2009 + A1: 2011
Fracture toughness/impact resistance	NPD	EN 1090-1: 2009 + A1: 2011



Load bearing capacity	NPD	EN 1090-1: 2009 + A1: 2011
Fatigue strength	NPD	EN 1090-1: 2009 + A1: 2011
Resistance to fire	NPD	EN 1090-1: 2009 + A1: 2011
Reaction to fire	Class A1	EN 1090-1: 2009 + A1: 2011
Release of cadmium and its compounds	NPD	EN 1090-1: 2009 + A1: 2011
Radioactivity	NPD	EN 1090-1: 2009 + A1: 2011
Durability	NPD	EN 1090-1: 2009 + A1: 2011

¹ These characteristics should be interpreted in accordance with the Component Specification

The performance of the product identified above is in conformity with the declared performance identified in the table.

Signed for and on behalf of Duggan Profiles and Steel Service Centre Ltd. by:

James Flavin
General Manager

30/11/2021

Date of issue

(Signature)