

## EC Declaration of Performance

1. Unique identification code of the product type:

**ComFlor® 46**

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

**ComFlor® 46, 0.90 & 1.20mm, S280GD+Z275 (component specification TQ 000-05-046-A)**

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

**Load bearing composite steel flooring profile**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

**Tata Steel, Shotton Works, Deeside, Flintshire, CH5 2NH**

6. System or systems of assessment & verification of constancy of performance of the construction product as set out in Annex V:  
**2+**

Notified Body

**Steel Construction Certification Scheme Limited, 4 Whitehall Court, Westminster, London, SW1A 2ES**

Notified Body No.

**2273-CPR-0036**

Steel Construction Certificate Scheme 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 2273-CPR-0036

Essential characteristics	Performance	Harmonised technical specification
Geometrical data (tolerances in dimensions and shape)	EN 1090-2 clause 11.2.2.5	EN 1090-1: 2009 + A1: 2011
Weldability	NPD	EN 1090-1: 2009 + A1: 2011
Fracture toughness of structural steel products	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
Emission of radioactivity	NPD	EN 1090-1: 2009 + A1: 2011
Durability	NPD	EN 1090-1: 2009 + A1: 2011
Execution class (EXC)	EXC 4	EN 1090-1: 2009 + A1: 2011

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

Signed for and on behalf of the manufacturer by:

**David Phillips**

(name)

**Technical Manager - Building Systems UK**

(function)



(Signature)

June 30, 2014

(Date of issue)



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14

2273 - CPR -0036

BS EN 1090-1:2009+A1:2011

Load bearing composite steel flooring profile

ComFlor® 46

**ComFlor® 46, 0.90 & 1.20mm, S280GD+Z275 (component specification TQ 000-05-046-A)**

Geometrical data (tolerances in dimensions and shape)	EN 1090-2
Weldability	NPD
Fracture toughness of structural steel products	NPD
Reaction to fire	Class A1
Release of cadmium and its compounds	NPD
Emission of radioactivity	NPD
Durability	NPD
Execution class (EXC)	EXC 4