

Declaration of Performance

No. SMD-STA-1130 V5

Type: Cold-formed galvanised profiled steel sheeting in accordance with component specification SMD-STA-1207

Intended use/s: Cold-formed steel construction components for use in composite steel/concrete slab construction and structural roof's, where the components are made from hot-dip galvanised steel coil and cold-formed into various profile shapes.

Manufacturer: Structural Metal Decks Ltd.
Unit C,
The Outlook,
Ling Road,
Tower Park,
Poole,
Dorset
BH12 4PY

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

Notified Body: Steel Construction Certification Scheme
4, Whitehall Court
Westminster
London
SW1A 2ES

Notified Body No: 2273

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-0084

Essential characteristics	Performance ¹	Harmonised technical specification
Tolerances on dimensions and shape	BS EN 1090-2 and component specification SMDRTR01	EN 1090-1: 2009 + A1: 2011
Weldability	S350GD to BS EN 10346 S450GD to BS EN 10346 (only applicable for TR+ S450 products)	
Fracture toughness/impact resistance	NPD	
Load bearing capacity	NPD	
Fatigue strength	NPD	
Resistance to fire	NPD	
Reaction to fire	Class A1 (steel and galvanised coating)	
Release of cadmium and its compounds	NPD	
Radioactivity	NPD	
Durability	Standard Deck = 275g/m ² (Z) coating (0.02mm per side) or 120g/m ² (ZM) in accordance with BS EN 10326 HD deck = min. 310g/m ² galvanised (ZM) coating (0.025mm per side) in accordance with BS EN 10326	

¹ These characteristics should be interpreted in accordance with Component Spec. No. SMD-STA-1207

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

Signed for and on behalf of Structural Metal Decks Ltd by:

Jamie Turner - Technical Director

20/01/23 (Poole, Dorset)

Place and date of issue


(Signature)