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Structural Metal Decks Ltd.

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SMD.STD.524.V2

BS EN 1090-1: 2009 + A1: 2011

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

Tolerances on dimensions and shape: BS EN 1090-2

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: 275g/m² galvanised coating (0.02mm per side) in accordance with BS EN 10326

Manufacturing: According to component specification SMDRTR01, and BS EN 1090-2, execution class EXC2