



# DOP Declaration of Performance LHP130.docx

## Declaration of Performance EN 1090 - Load bearing profiles

Declaration of Performance number	B-2461
Unique identification code	LHP 130
Intended use of the product	Structural steel sheet for use in roofs
Manufacturer	Lindab Profil AB, 269 82 Båstad
System of assessment and verification of constancy of performance	2+
Harmonised European standard	EN 1090-1
Notified body	KIWA certificate number 0416-CPD-6624-01

### Information on regulated characteristics

Geometrical tolerances	EN 1090-4
Weldability	NPD
Fracture toughness	NPD
Load bearing capacity	According to EN 1993-1-3 and design calculations with Lindab software Industrial
Manufacturing:	According to EN 1090-4 and component specification, internal doc 1005 (se Annex A1-A2 EN1090-2) Execution class EXC1 – EXC4
Deformation at serviceability limit state	NPD
Fatigue strength	NPD
Resistance to fire	NPD
Reaction to fire	Polyester coating SP 15: Class A2 - s1, d0 Galvanized: Class A1
Release of cadmium	NPD
Emission of radioactivity	NPD
Durability	Coatings performances are: Hot-dip coating with Z275 and without any organic coating Hot-dip coating with ZM100 and with polyester coating - PE15
Material	S420GD+ZM100 according to EN 10346 S420GD+ZM275 according to EN 10346 S350GD+ZM100 according to EN 10346  Normal thickness tolerance according to EN 10143

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