



DOP Declaration of Performance C-Profiles.docx

Declaration of Performance

EN 1090 - Load bearing profiles

Declaration of Performance number B-2458

Company: Lindab Profil AB

Article codes, C-profiles C, CB, CI, FR, KR, RY, RYF, RYP

FPC - certificate: 0416-CPD-6624-01

Geometrical tolerances: EN 1090-4

Reaction to fire: NPD

Fire resistance: NPD

Release of dangerous substances: NPD

Durability: NPD

Load bearing capacity: For C,CB,CI,FR,KR Calculation, with reference to LindabStructuralDesigner, according to EN 1993-1-3, EN 1993-1-5, NDP

For RY,RYF,RYP Calculation with reference to Dimstud, according to EN 1993-1-3, EN 1993-1-5, Höglund, T. (1998) Design of Slotted Light Gauge Studs. Royal Inst. of Technology, Structural Engineering, TRITA-BKN, Report 54, Steel Structures

Normal thickness tolerance according to EN 10143

Material: S350GD+Z275 according to EN 10346 for:

C, CB, CI, RY, RYF, RYP - All Dimensions

FR, Dimension 100, 120, 145, 150, 160, 200

KR, Dimension 100, 120, 150, 200

S250GD+Z275 according to EN 10346 for:

FR, Dimension 45, 50, 70, 75, 95

KR, Dimension 45, 67, 70, 75, 95

Manufacturing: According to component specification, internal doc 1005 (se Annex A1-A2 EN1090-2), execution class EXC4

Luleå 2020-02-13

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