

COMPOSITE SHEET CS48-36-750



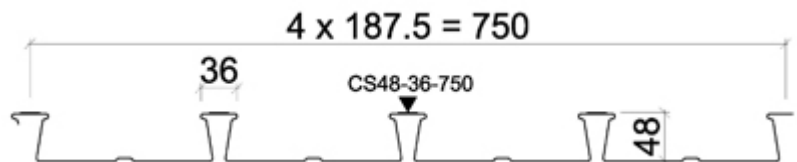
Ruukki's Composite profile CS48-36-750 is intended to be used as reinforcement in concrete slabs. During casting the sheet works as formwork, Steelcomp can be used as a ceiling surface beneath the slab due to its aesthetic design; and therefore, a suspended ceiling is not necessary needed.

Applications:

- Office construction
- Public construction
- Industrial construction
- Warehouse construction
- Renovation construction

The information on our website is accurate to the best of our knowledge and understanding. Although every effort has been made to ensure accuracy, the company cannot accept any responsibility for any direct or indirect damages resulting from possible errors or incorrect application of the information of this publication. We reserve the right to make changes.

PROPERTIES



Model name	Composite sheet CS48-36-750
Product code	CS48-36-750
Height	48 mm
Width of crown	36 mm
Effective width	750 mm
Minimum length	400 mm
Maximum Length	12000 mm
Quality control	Factory production control according to EN 1090-1 and EN 1090-4
Tolerances	Dimensions and shape according to EN 1090-4, material thickness according to EN 10143
CE Marking	EN1090-1
Execution class	EXC1, EXC2, EXC3

MATERIALS

Material thickness (mm)	Steel grade	Zinc (g/m ²)	Surface treatment	Corrosion class, interior	Corrosion class, exterior	Colours	Weight (kg/m ²)
0.7	S350	Z275	Galvanized	C2	-	-	9.16
0.9	S350	Z275	Galvanized	C2	-	-	11.78
0.9	S350	Z275	Polyester	C3	C3	RR20	11.78
1.1	S350	Z275	Galvanized	C2	-	-	14.39

1.1	S350	Z275	Polyester	C3	C3	RR20	14.39
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Note: The reverse sides of the colour coated sheets are painted as standard with 2-layer grey backside coating

ACCESSORIES

Accessories for load bearing sheets include e.g. flashings, fasteners, gaskets and sealing flanges. These accessories ensure fast assembly, fastening reliability, joint tightness.



15 SEP, 2016

Profiled sheets and purlins accessories

PDF, 4.80 MB

DESIGN TOOLS

To make both architectural and structural design work easier, with accurate product information in 3D form, we offers a selection of CAD / BIM -objects and software tools, to be downloaded from the Software Toolbox portal.

DIMENSIONING SOFTWARE COMSLAB

The software is meant to be used as a design tool for Ruukki's SteelComp composite slabs. The complete capacity verification for a composite slab can be done, including also design for fire exposure. The user can optimise the construction during the design and select the cost-optimal composite slab for each application.

[Download ComSlab](#)

DETAIL DRAWING (.DWG)



06 MAY, 2016

Composite-sheet-detail-drawings

DWG, 107.53 KB

DETAIL DRAWING (.PDF)



06 MAY, 2016

Composite-sheet-detail-drawings

PDF, 15.12 KB

CERTIFICATES & APPROVALS

DECLARATION OF PERFORMANCE



11 MAY, 2016

Declaration of Performance 12/LBS/VIM - Load bearing products
PDF, 494.06 KB