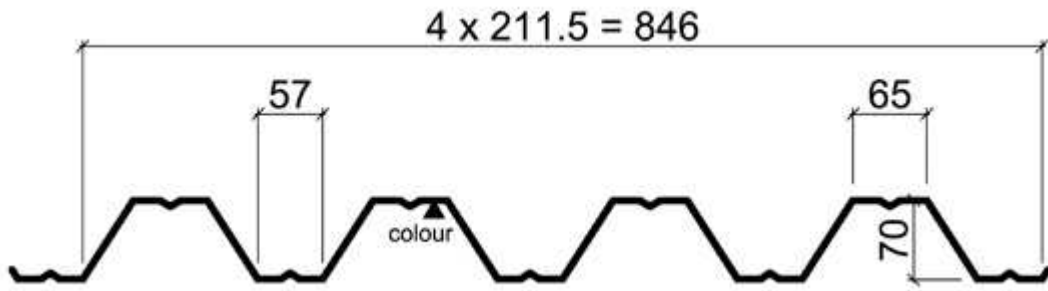# LOAD-BEARING SHEET T70-57L-846

Optimal geometry of the T70 enables cost efficient roof structures for reasonable spans.

For the optimal structural dimensioning, use Ruukki's roof dimensionin software, Poimu.

T70 is targeted for roof structures with spans less than 5m.

PROPERTIES

Model name	Load-Bearing Sheet T70-57L-846
Product Code	T70-57L-846
Height	70 mm
Width Of Valley	57 mm
Width Of Crown	65 mm
Modular Width	846 mm
Minimum Length	600 mm
Maximum Length	15000 mm
Typical Span	<5 m
Quality Control	Factory production control according to EN14782 and EN1090-1
Tolerances	Profile sheet: EN 14782 and EN 1090-2
CE Marking	EN1090-1
Execution Class	EXC1, EXC2, EXC3

MATERIALS

MATERIALS

Material thickness (mm)	Steel grade	Zinc (g/m^2)	Surface treatment	Corrosion class, interior	Corrosion class, exterior	Colours	Weight (kg/m^2)
0.6	S320	Z275	Pural Matt	-	C2-C4	RR21, RR22, RR23, RR29, RR32, RR33, RR750	6.96
0.7	S350	Z275	Pural	-	C2-C4	RR21, RR22, RR23, RR33	8.12

PROTECTION AGAINST CORROSION

Environment	Coating
Inside buildings in environments with corrosivity category C1, C2 according to EN ISO 12944-2 standard and A1, A2 according to EN 10169 standard	Steel sheets with zinc coating of 100 g/m^2 and with polyester coating SP 15, thickness 15 µm
Interior applications in environments with corrosivity category C1, C2, C3 according to EN ISO 12944-2 standard and A1, A2, A3 according to EN 10169 standard	Steel sheets with zinc coating of 275 g/m^2 and with polyester coating SP 25, thickness 25 µm

ACCESSORIES

ACCESSORIES

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

DESIGN TOOLS

DESIGN TOOLS

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

READY MODELLED LOAD BEARING SHEETS FOR REVIT ENVIRONMENT

Download BIM objects

DIMENSIONING SOFTWARE POIMU

Ruukki offers excellent dimensioning software Poimu, which enables to optimize product choice according to the Eurocode. Just by defining some basic input data you can select a load-bearing sheet for your needs from Ruukki's selection. This quick optimization tool covers 1-, 2-span and continuous structures and gives the exact solution of sheet that should be used, as well as its length.

Download Poimu

DETAIL DRAWING (.DWG)

File	Type	Size	Uploaded on	Download
Ruukki load-bearing sheet drawings	ZIP	9.06 MB	06 May, 2016	Download
Composite-sheet-detail-drawings	DWG	107.53 KB	06 May, 2016	Download

DETAIL DRAWING (.PDF)

File	Type	Size	Uploaded on	Download
Ruukki_load-bearing_sheet-drawings	PDF	7.32 MB	06 May, 2016	Download
Composite-sheet-detail-drawings	PDF	15.12 KB	06 May, 2016	Download

INSTRUCTIONS
ASSEMBLY INSTRUCTIONS

Assembly instructions document includes information about:

- Packing
- Transportation and unloading
- Storaging
- Assembling

File	Type	Size	Uploaded on	Download
Ruukki-user-manual-for-lifting-tool	PDF	1.98 MB	06 May, 2016	Download
Ruukki-Safety_Anchor_Manual	PDF	1.45 MB	06 May, 2016	Download

File	Type	Size	Uploaded on	Download
Ruukki-load-bearing-sheet-anticondence-storage-instructions	PDF	232.57 KB	06 May, 2016	Download
Ruukki-load-bearing-profiled-sheet-installation-instructions	PDF	3.10 MB	06 May, 2016	Download

CERTIFICATES & APPROVALS
DECLARATION OF PERFORMANCE

File	Type	Size	Uploaded on	Download
Declaration-of-Performance-Vimpeli-LBS	PDF	234.97 KB	11 May, 2016	Download
DoP 10PPZYR	PDF	242.57 KB	06 May, 2016	Download