

Load bearing sheet

Product description

Ruukki T55-53L-976

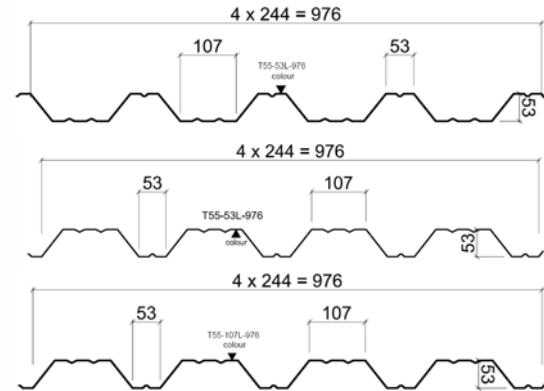
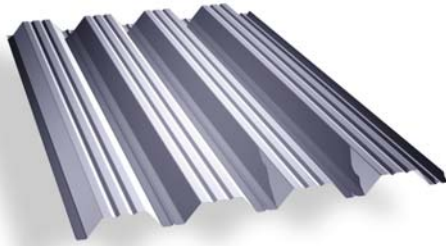
Ruukki T55-107L-976

Strength, durability and cost efficiency in roof constructions. Load-bearing profile sheets are the optimal choice in different roof constructions due to their weight and load-bearing capacity. The most economical solutions can be obtained by using Ruukki's Poimu dimensioning software for roof optimization. Load-bearing profiles are suitable for roof decking, external roof sheeting and intermediate flooring. They can also be used as formwork for concrete slabs.

Product application

- industrial buildings
- public buildings
- sport halls
- office buildings
- renovation projects

Ruukki is a metal expert you can rely on all the way, whenever you need metal based materials, components, systems or total solutions. We constantly develop our product range and operating models to match your needs.



wide flange up – load bearing product

• **Product**

Name: Ruukki T55-53L-976
Ruukki T55-107L-976

Height: 53 mm
Modular width: 976 mm
Thicknesses on stock: 0.6, 0.7, 0.9 mm
Minimum length: 500 mm
Maximum length: 13500 mm

• **Quality control**

Factory production control acc. to EN 14782 and EN 1090

• **Material**

Hot dip galvanized S280GD+Z or S320GD+Z steel sheet
Galvanized acc. to EN 10346
Coil-coated acc. to EN 10169-1

• **Tolerances**

Product: PN-EN 508-1
Raw material: PN-EN 10143

• **Coatings**

Indoor application:

For corrosion classes C1, C2 acc. to EN ISO 12944-2 and A1, A2 acc. to EN 10169-3
Zinc coating: 100 g/m²
Organic coating: polyester 15 µm
Back side coating: epoxy 10 µm
Colour: RAL 9002 and 9010

Indoor and outdoor application:

For corrosion classes C1, C2, C3 acc. to EN ISO 12944-2
A1, A2, A3 acc. to EN 10169-3
RC1, RC2, RC3 acc. to EN 10169-2
Zinc coating: 275 g/m²
Organic coating: polyester 25 µm
Back side coating: epoxy 10 µm
Colour: acc. to Ruukki colour card

• **Fire resistance**

RE30 as load bearing part of roof deck

• **Dimensioning**

Acc. to the Eurocode with Ruukki's optimizing software Poimu.
Please contact us in order to receive further information or enter www.ruukki.com/software

• **Fastening**

Depending on the base material; self tapping screws, self drilling screws or shot nails / braces.

• **Non-standard offer:**

• **Web perforation**

Hole diameter: 3 mm
Perforation area: 15%

• **Anticondensation**

Coating: 110 g/m²
Water absorption capacity: > 600 g/m²
Coating method: self adhesive needled felt
Colour: light grey
Reaction to fire classification: A-s1,d0 (non-ignitable and no droplets)

• **Contact information**

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