

**DECLARATION OF PERFORMANCE  
No. 50/LBS/JFS**

1. Unique identification code of product-type:

| Load bearing trapezoidal sheets | Composite profile<br>(Reinforcement for concrete slabs) |
|---------------------------------|---|
| Plannja 45                      | Plannja CD45  |
| Plannja 45R                     |   |

2. Intended use: Cold-formed products for roof, ceiling, floor or wall applications
3. Manufacturer: Plannja AB  
570 91 Jämforsen  
Sweden
4. Authorized representative: Not applicable
5. AVCP level: all properties: 2+
- 6a. Harmonised standard: EN 1090-1:2009+A1:2011 "Execution of steel structures and aluminium structures. Requirements for conformity assessment of structural components"
- Notified body: Inspecta Sertifiointi Oy (0416)  
Certificate of Factory Production Control 0416-CPR-10114-03
7. Declared performances: Technical product characteristics of specified product configuration are available in attachments to this Declaration of Performance.

The performance of the product identified above is in conformity with the set of declared performances. This Declaration of Performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Elżbieta Piłza  
Certification Manager  
Ruukki Construction

Helsinki, 17.02.2026

**Attachment No. 1 to Declaration of Performance 50/LBS/JFS**  
**Load bearing sheets**

| Product<br>Declared value              | Plannja 45   | Plannja 45R |
|--|--|-------------|
| Year when CE mark was affixed:         | 13   |             |
| Material grades:                       | S250GD+Z275, S280GD+Z275, S280GD+ZM120   |             |
| Material thicknesses (mm):             | 0,50; 0,60   |             |
| Durability:                            | Materials according to EN 10346: 2015:<br>Plain galvanized FZV Z275, ZM120<br>Materials according to EN 10169: 2022:<br>Hard Coat 25 µm  |             |
| Structural characteristics:            | Load bearing capacity:<br>Component specification 140CoS2013-07-01, available at <a href="http://www.plannja.se">www.plannja.se</a><br>Deformation at serviceability limit state: NPD  |             |
| Tolerances on dimension and shape:     | EN 1090-4: 2018  |             |
| Weldability:                           | NPD  |             |
| Fracture toughness, Impact resistance: | NPD  |             |
| Fatigue strength:                      | NPD  |             |
| Resistance to fire:                    | NPD  |             |
| Reaction to fire:                      | Plain galvanized FZV Z275, ZM120: A1 (CWFT)<br>Hard Coat 35 µm: A2-s1,d0   |             |
| Release of cadmium and its compounds:  | NPD  |             |
| Emission of radioactivity:             | NPD  |             |
| Component specification:               | Material: EN 10346: 2015, tolerances acc. to EN 10143: 2006, (N) tolerances<br>Design: NPD<br>Manufacturing: according to the product specification and drawing published on:<br><a href="http://www.plannja.se">www.plannja.se</a><br>and EN 1090-4: 2018, Execution class EXC3 |             |

Detailed product/material specification is given on order confirmation or delivery documentation.

**Attachment No. 2 to Declaration of Performance 50/LBS/JFS**  
**Load bearing sheets**

|   |  |
|---|--|
| <b>Product</b>                                | <b>Plannja Combideck 45</b>  |
| <b>Declared Value</b>                         |  |
| <b>Year when CE mark was affixed:</b>         | 13   |
| <b>Material grades:</b>                       | S320GD+Z275-M-A-C  |
| <b>Material thicknesses (mm):</b>             | 0,85   |
| <b>Durability:</b>                            | Materials according to EN 10346: 2015:<br>Plain galvanized FZV Z275  |
| <b>Structural characteristics:</b>            | Load bearing capacity:<br>Component specification 200CoS2013-07-01, available at <a href="http://www.plannja.se">www.plannja.se</a><br>Deformation at serviceability limit state: NPD  |
| <b>Tolerances on dimension and shape:</b>     | EN 1090-4: 2018  |
| <b>Weldability:</b>                           | NPD  |
| <b>Fracture toughness, Impact resistance:</b> | NPD  |
| <b>Fatigue strength:</b>                      | NPD  |
| <b>Resistance to fire:</b>                    | NPD  |
| <b>Reaction to fire:</b>                      | Plain galvanized FZV Z275: A1 (CWFT)   |
| <b>Release of cadmium and its compounds:</b>  | NPD  |
| <b>Emission of radioactivity:</b>             | NPD  |
| <b>Component specification:</b>               | Material: EN 10346: 2015, tolerances acc. to EN 10143: 2006, (N) tolerances<br>Design: NPD<br>Manufacturing: according to the product specification and drawing published on:<br><a href="http://www.plannja.se">www.plannja.se</a><br>and EN 1090-4: 2018, Execution class EXC3 |

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