

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

1. Unique identification code of product-type:

Load bearing trapezoidal sheets	Composite profile (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 Järforsen
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 Płaza
Certification Manager
Ruukki Construction

Helsinki, 26.11.2025

Attachment No. 1 to Declaration of Performance 50/LBS/JFS

Load bearing sheets

Product Declared value	Plannja 45	Plannja 45R
Year when CE mark was affixed:	13	
Material grades:	S250GD+Z275	
Material thicknesses (mm):	0,50; 0,60	
Durability:	Materials according to EN 10346: 2015: Plain galvanized Z275 Materials according to EN 10169: 2022: Hard Coat 25 µm	
Structural characteristics:	Load bearing capacity: Component specification 140CoS2013-07-01, available at www.plannja.se 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 Z275: A1 (CWFT) 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 Design: NPD Manufacturing: according to the product specification and drawing published on: www.plannja.se 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

Product	Plannja Combideck 45
Declared Value	
Year when CE mark was affixed:	13
Material grades:	S320GD+Z275
Material thicknesses (mm):	0,85
Durability:	Materials according to EN 10346: 2015: Plain galvanized Z275
Structural characteristics:	Load bearing capacity: Component specification 200CoS2013-07-01, available at www.plannja.se 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 Z275: A1 (CWFT)
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 Design: NPD Manufacturing: according to the product specification and drawing published on: www.plannja.se and EN 1090-4: 2018, Execution class EXC3

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