



## 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-10114-02

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:



Adam Korol  
Senior Vice President  
Building Envelopes

Helsinki, 05.09.2024

## Attachment No. 1 to Declaration of Performance 12/LBS/VIM

### Load bearing sheets

Manufacturer: Plannja AB  
570 91 Järnforsen  
Sweden

Product Declared value	Plannja 45	Plannja 45R
Year when CE mark was affixed:	13	
Material grades:	S250GD+Z275, S280GD+ZM310	
Material thicknesses (mm):	0,50; 0,60	
Durability:	Materials according to EN 10346: 2015: Zink Magnesium ZM310 Materials according to EN 10169: 2010 + A1: 2012: Hard Coat 35 µm	
Structural characteristics:	Load bearing capacity: Component specification 140CoS2013-07-01, available at <a href="http://www.plannja.se">www.plannja.se</a> 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:	Zink Magnesium ZM310: A1 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: <a href="http://www.plannja.se">www.plannja.se</a> 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 12/LBS/VIM

### Load bearing sheets

Manufacturer: Plannja AB  
570 91 Järnforsen  
Sweden

<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
<b>Material thicknesses (mm):</b>	0,85
<b>Durability:</b>	Materials according to EN 10346: 2015: Plain galvanized Z275
<b>Structural characteristics:</b>	Load bearing capacity: Component specification 200CoS2013-07-01, available at <a href="http://www.plannja.se">www.plannja.se</a> 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 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 Design: NPD Manufacturing: according to the product specification and drawing published on: <a href="http://www.plannja.se">www.plannja.se</a> and EN 1090-4: 2018, Execution class EXC3

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