CE

DECLARATION OF PERFORMANCE
No. 49/PP/JFS

1. Unique identification code of product-type:

Tile sheets	
Plannja Regent	
Plannja Royal	
Trapezoidal sheets	
Plannja 19	
Plannja 20-105	
Plannja 20-75	
Plannja 35	
Profiled sheets	
Plannja Pannplåt	Plannja Sinus 18
Plannja Trend 475	Plannja Sinus 51
Plannja Trend 275	

2. Intended use: Tile sheets: Self-supporting profiled metal products for roofing

Trapezoidal sheets and profiled sheets:
Self-supporting profiled metal products for roofing, ceiling, soffit, external cladding
and internal lining

3. Manufacturer: Plannja AB
570 91 Järnforsen
Sweden

4. Authorized representative: Not applicable

5. AVCP level: reaction to fire: 3; other properties: 4

6a. Harmonized standard: internal: EN 14782:2006 “Self-supporting metal sheet for roofing, external cladding and lining - Product specification and requirements”

Notified Body: **SP Technical Research Institute of Sweden (NB 0402)**
The list of top coatings classified by above Notified Body under reaction to fire:
Plannja Hard Coat 25 µm
Plannja Hard Coat 50 µm
GreenCoat Pro BT 36 µm
GreenCoat Mica BT 30 µm
Polyester 25 µm

7. Declared performances: Technical product characteristics of specified product configuration are available in attachment 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 Components

Helsinki, 25.10.2019

Attachment 1 to Declaration of Performance No. 49/PP/JFS
Tile sheets and trapezoidal sheets

Manufacturer: Plannja AB,
570 91 Järnforsen, Sweden

Product / Declared values		Plannja Regent	Plannja Royal	Plannja 19
Year when CE mark was affixed:		17	17	13
Mechanical resistance:		No Performance Determined (NPD)		
Water permeability:		Passed		
Dimensional change:		Steel: 12 x 10^{-6} K^{-1} Aluminium: 24 x 10^{-6} K^{-1}		
Dimensional tolerances:		Steel: material thickness EN 10143:2006, product shape EN 508-1:2014 Aluminium: material thickness EN 485-4:1993, product shape EN 508-2:2008		
Release of regulated substances:		No Performance Determined (NPD)		
External fire performance:		B_{roof} (CWFT) for end uses determined as roofing applications, NPD for other end uses.		
Reaction to fire (steel or aluminium sheet with organic coating):		Plain galvanized: A1 (CWFT) Plain aluminium: A1 (CWFT) Polyester 25 µm: A1 Hard Coat 25 µm: A1 Hard Coat 50 µm: A2-s2, d0 GreenCoat Pro BT 36 µm: A2-s1, d0		
Durability:	Grade of metal and type of the top coating (steel):	S280GD+Z275 S250GD+Z275 Polyester 25 µm Hard Coat 25 µm	S280GD+Z275 Hard Coat 50 µm GreenCoat Pro BT 36 µm	S280GD+Z275 S250GD+Z275 Plain galvanized Hard Coat 25 µm Polyester 25 µm
	Thickness of metal (acc. to EN 508-1: 2014, steel):	0,50 mm	0,55; 0,60 mm	0,50 mm
	Grade of metal and type of the top coating (aluminium):	EN-AW 3003 H46 Hard Coat 25 µm		EN-AW 3003 H66 EN-AW 3003 H46 Plain aluminium Hard Coat 25 µm
	Thickness of metal (acc. to EN 508-2: 2008, aluminium)	0,60 mm		0,70 mm
	Type and thickness of back coating (steel, aluminium):	Epoxy min. 7 µm		

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

Attachment 2 to Declaration of Performance No. 49/PP/JFS
Trapezoidal sheets

Manufacturer: Plannja AB,
570 91 Järnforsen, Sweden

Product / Declared values		Plannja 20-105	Plannja 20-75	Plannja 35
Year when CE mark was affixed:		16	15	13
Mechanical resistance:		No Performance Determined (NPD)		
Water permeability:		Passed for non-perforated profiles, NPD for perforated profiles		
Dimensional change:		Steel: 12 x 10^{-6} K^{-1} Aluminium: 24 x 10^{-6} K^{-1}		
Dimensional tolerances:		Steel: material thickness EN 10143:2006, product shape EN 508-1:2014 Aluminium: material thickness EN 485-4:1993, product shape EN 508-2:2008		
Release of regulated substances:		No Performance Determined (NPD)		
External fire performance:		B_{roof} (CWFT) for end uses determined as roofing applications, NPD for other end uses.		
Reaction to fire (steel or aluminium sheet with organic coating):		Plain galvanized: A1 (CWFT) Plain aluminium: A1 (CWFT) Polyester 25 µm: A1 Hard Coat 25 µm: A1 Hard Coat 50 µm: A2-s2, d0	Plain aluminium: A1 (CWFT) Polyester 25 µm: A1 Hard Coat 25 µm: A1	Plain galvanized: A1 (CWFT) Plain aluminium: A1 (CWFT) Polyester 25 µm: A1 Hard Coat 25 µm: A1 Hard Coat 50 µm: A2-s2, d0
Durability:	Grade of metal and type of the top coating (steel):	S280GD+Z275 S250GD+Z275 Plain galvanized Polyester 25 µm Hard Coat 25 µm Hard Coat 50 µm	-	S280GD+Z275 Plain galvanized Polyester 25 µm Hard Coat 25 µm Hard Coat 50 µm
	Thickness of metal (acc. to EN 508-1: 2014, steel):	0,50; 0,60 mm	-	0,50; 0,60 mm
	Grade of metal and type of the top coating (aluminium):	EN-AW 3003 H41-H46 Plain aluminium Hard Coat 25 µm	EN-AW 3105 H66 EN-AW 3105 H46 Plain aluminium Polyester 25 µm Hard Coat 25 µm	EN-AW 3003 H66 EN-AW 3003 H46 Plain aluminium Hard Coat 25 µm
	Thickness of metal (acc. to EN 508-2: 2008, aluminium)	0,70 mm	0,5 mm	0,70 mm
	Type and thickness of back coating (steel, aluminium):	Epoxy min. 7 µm		

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

NOTE: Profiles P20-105, P20-105 and P35 are optionally available also with anticondensation layer or perforated as EN 14782 standard includes these end application.

Attachment 3 to Declaration of Performance No. 49/PP/JFS
Trapezoidal and profiled sheets

Manufacturer: Plannja AB,
570 91 Järnforsen, Sweden

Product / Declared values		Plannja Pannplåt	Plannja Trend 475	Plannja Trend 275
Year when CE mark was affixed:		13	14	14
Mechanical resistance:		No Performance Determined (NPD)		
Water permeability:		Passed for non-perforated profiles, NPD for perforated profiles	Passed for non-perforated profiles	
Dimensional change:		Steel: 12 x 10^{-6} K^{-1} Aluminium: 24 x 10^{-6} K^{-1}		
Dimensional tolerances:		Steel: material thickness EN 10143:2006, product shape EN 508-1:2014 Aluminium: material thickness EN 485-4:1993, product shape EN 508-2:2008		
Release of regulated substances:		No Performance Determined (NPD)		
External fire performance:		B_{roof} (CWFT) for end uses determined as roofing applications, NPD for other end uses.		
Reaction to fire (steel or aluminium sheet with organic coating):		Plain galvanized: A1 (CWFT) Plain aluminium: A1 (CWFT) Hard Coat 25 µm: A1 Hard Coat 50 µm: A2-s2, d0 GreenCoat Pro BT 36 µm: A2-s1, d0 GreenCoat Mica BT 30 µm: A2-s1, d0		
Durability:	Grade of metal and type of the top coating (steel):	S250GD+Z275 Plain galvanized Hard Coat 25 µm Hard Coat 50 µm	S250GD+Z275 Plain galvanized Hard Coat 50 µm GreenCoat Pro BT 36 µm GreenCoat Mica BT 30 µm	
	Thickness of metal (acc. to EN 508-1: 2014, steel):	0,60 mm	0,60 mm	
	Grade of metal and type of the top coating (aluminium):	EN-AW 3003 H41-H46 (H66) Plain aluminium Hard Coat 25 µm	-	
	Thickness of metal (acc. to EN 508-2: 2008, aluminium)	0,70 mm	-	
	Type and thickness of back coating (steel, aluminium):	Epoxy min. 7 µm		

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

NOTE: Profiles Pannplåt, Trend 475 and trend 275 are optionally available also with anticondensation layer or perforated as EN 14782 standard includes these end application.

Attachment 4 to Declaration of Performance No. 49/PP/JFS
Profiled sheets

Manufacturer: Plannja AB,
570 91 Järnforsen, Sweden

Product / Declared values		Plannja Sinus 18	Plannja Sinus 51
Year when CE mark was affixed:		15	13
Mechanical resistance:		No Performance Determined (NPD)	
Water permeability:		Passed for non-perforated profiles, NPD for perforated profiles	
Dimensional change:		Steel: 12 x 10^{-6} K^{-1} Aluminium: 24 x 10^{-6} K^{-1}	
Dimensional tolerances:		Steel: material thickness EN 10143:2006, product shape EN 508-1:2014 Aluminium: material thickness EN 485-4:1993, product shape EN 508-2:2008	
Release of regulated substances:		No Performance Determined (NPD)	
External fire performance:		B_{roof} (CWFT) for end uses determined as roofing applications, NPD for other end uses.	
Reaction to fire (steel sheet with organic coating):		Plain galvanized: A1 (CWFT) Plain aluminium: A1 (CWFT) Hard Coat 25 µm: A1 Hard Coat 50 µm: A2-s2, d0	
Durability:	Grade of metal and type of the top coating (steel):	S250GD+Z275 S280GD+Z275 Plain galvanized Hard Coat 25 µm Hard Coat 50 µm	S250GD+Z275 Plain galvanized Hard Coat 25 µm Hard Coat 50 µm
	Thickness of metal (acc. to EN 508-1: 2014, steel):	0,50; 0,60 mm	0,60 mm
	Grade of metal and type of the top coating (aluminium):	EN-AW 3003 H66 EN-AW 3005 H42 EN-AW 3003 H46 Plain aluminium Hard Coat 25 µm	EN-AW 3005 H42 Plain aluminium Hard Coat 25 µm
	Thickness of metal (acc. to EN 508-2: 2008, aluminium)	0,50; 0,70; 1,00 mm	1,00 mm
	Type and thickness of back coating (steel, aluminium):	Epoxy min. 7 µm	

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

NOTE: Profiles Sinus 18 and Sinus 51 are optionally available also with anticondensation layer or perforated as EN 14782 standard includes these end application.