



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 35
Plannja 20-105	
Plannja 20-75	
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 Jämforsen
Sweden
4. Authorized representative: Not applicable
5. AVCP level: reaction to fire: 3; other properties: 4
- 6a. Harmonized standard: EN 14782:2006 "Self-supporting metal sheet for roofing, external cladding and internal
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:
Hard Coat 25 µm
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, 22.02.2021

Attachment 1 to Declaration of Performance No. 49/PP/JFS

Tile sheets and trapezoidal sheets

Manufacturer: Plannja AB, 570 91 Järnforsen, Sweden

Product		Plannja Regent	Plannja Royal	Plannja 19
Declared values				
Year when CE mark was affixed:		17	17	13
Mechanical resistance:		No Performance Determined (NPD)		
Water permeability:		Passed		
Dimensional change:		Steel: $12 \times 10^{-6} \text{ K}^{-1}$ Aluminium: $24 \times 10^{-6} \text{ K}^{-1}$		
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 metallic coating: A1 (CWFT) 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):	<u>S250GD+Z275</u> <u>S280GD+Z275</u> <u>S280GD+ZM310</u> Plain metallic coating <u>S280GD+Z275</u> <u>S250GD+Z275</u> Polyester 25 µm Hard Coat 25 µm <u>S280GD+ZM140</u> Polyester 25 µm Hard Coat 25 µm	<u>S280GD+Z275</u> Hard Coat 50 µm GreenCoat Pro BT 36 µm	<u>S250GD+Z275</u> <u>S280GD+Z275</u> <u>S280GD+ZM310</u> Plain metallic coating <u>S280GD+Z275</u> <u>S250GD+Z275</u> Polyester 25 µm Hard Coat 25 µm <u>S280GD+ZM140</u> Polyester 25 µm Hard Coat 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):	<u>EN-AW 3003 H46</u> Hard Coat 25 µm		<u>EN-AW 3003 H66</u> <u>EN-AW 3003 H46</u> 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 Järforsen, Sweden

Product		Plannja 20-105	Plannja 20-75	Plannja 35
Declared values				
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: $12 \times 10^{-6} \text{ K}^{-1}$ Aluminium: $24 \times 10^{-6} \text{ K}^{-1}$		
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 metallic coating: A1 (CWFT) Aluminium: A1 (CWFT) Polyester 25 µm A1 Hard Coat 25 µm: A1 Hard Coat 50 µm: A2-s2, d0	Aluminium: A1 (CWFT) Polyester 25 µm A1 Hard Coat 25 µm: A1	Plain metallic coating: A1 (CWFT) 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):	<u>S250GD+Z275</u> <u>S280GD+Z275</u> <u>S280GD+ZM310</u> Plain metallic coating <u>S280GD+Z275</u> <u>S250GD+Z275</u> Polyester 25 µm Hard Coat 25 µm Hard Coat 50 µm <u>S280GD+ZM140</u> Polyester 25 µm Hard Coat 25 µm	-	<u>S250GD+Z275</u> <u>S280GD+Z275</u> <u>S280GD+ZM310</u> Plain metallic coating <u>S280GD+Z275</u> <u>S250GD+Z275</u> Polyester 25 µm Hard Coat 25 µm Hard Coat 50 µm <u>S280GD+ZM140</u> Polyester 25 µm Hard Coat 25 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):	<u>EN-AW 3003 H41-H46</u> Aluminium Hard Coat 25 µm	<u>EN-AW 3105 H66</u> <u>EN-AW 3105 H46</u> Aluminium Polyester 25 µm Hard Coat 25 µm	<u>EN-AW 3003 H66</u> <u>EN-AW 3003 H46</u> 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 Järforsen, Sweden

Product		Plannja Pannplåt	Plannja Trend 475	Plannja Trend 275
Declared values				
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	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 sheet with organic coating):		Plain metallic coating: A1 (CWFT) Aluminium: A1 (CWFT) Polyester 25 µm: A1 Hard Coat 25 µm: A1 Hard Coat 50 µm: A2-s2, d0	Plain metallic coating: A1 (CWFT) 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 GreenCoat Mica BT 30 µm: A2-s1, d0	
Durability:	Grade of metal and type of the top coating (steel):	<u>S250GD+Z275</u> <u>S280GD+ZM310</u> Plain metallic coating <u>S250GD+Z275</u> Polyester 25 µm Hard Coat 25 µm Hard Coat 50 µm <u>S280GD+ZM140</u> Polyester 25 µm Hard Coat 25 µm	<u>S250GD+Z275</u> <u>S280GD+ZM310</u> Plain metallic coating <u>S250GD+Z275</u> Polyester 25 µm Hard Coat 25 µm Hard Coat 50 µm GreenCoat Pro BT 36 µm GreenCoat Mica BT 30 µm <u>S280GD+ZM140</u> Polyester 25 µm, Hard Coat 25 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):	<u>EN-AW 3003 H41-H46 (H66)</u> Aluminium Hard Coat 25 µm	<u>EN-AW 3005 H47</u> Aluminium Hard Coat 25 µm	
	Thickness of metal (acc. to EN 508-2: 2008, aluminium):	0,70 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 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		Plannja Sinus 18	Plannja Sinus 51
Declared values			
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: $12 \times 10^{-6} \text{ K}^{-1}$ Aluminium: $24 \times 10^{-6} \text{ K}^{-1}$	
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 metallic coating: A1 (CWFT) Polyester 25 μm : A1 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):	<u>S250GD+Z275</u> <u>S280GD+Z275</u> <u>S280GD+ZM310</u> Plain metallic coating <u>S280GD+Z275</u> <u>S250GD+Z275</u> Polyester 25 μm Hard Coat 25 μm Hard Coat 50 μm <u>S280GD+ZM140</u> Polyester 25 μm Hard Coat 25 μm	<u>S250GD+Z275</u> <u>S280GD+Z275</u> <u>S280GD+ZM310</u> Plain metallic coating <u>S280GD+Z275</u> <u>S250GD+Z275</u> Polyester 25 μm Hard Coat 25 μm Hard Coat 50 μm <u>S280GD+ZM140</u> Polyester 25 μm Hard Coat 25 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):	<u>EN-AW 3003 H66</u> <u>EN-AW 3005 H42</u> <u>EN-AW 3003 H46</u> Aluminium Hard Coat 25 μm	<u>EN-AW 3005 H42</u> 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.