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 35
Plannja 20-105	
Plannja 20-75	
Profiled sheets	
Plannja Pannplåt	Plannja Sinus 18
Plannja Trend 475	Plannja Sinus 51
Plannja Trend 275	Plannja Modern

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: 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 Envelopes

Helsinki, 17.03.2022

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

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 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):	S250GD+Z275 S280GD+Z275 S280GD+ZM310 Plain metallic coating S280GD+Z275 S250GD+Z275 Polyester 25 µm Hard Coat 25 µm S280GD+ZM140 Polyester 25 µm Hard Coat 25 µm	S280GD+Z275 Hard Coat 50 µm GreenCoat Pro BT 36 µm	S250GD+Z275 S280GD+Z275 S280GD+ZM310 Plain metallic coating S280GD+Z275 S250GD+Z275 Polyester 25 µm Hard Coat 25 µm S280GD+ZM140 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):	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

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 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):	S250GD+Z275 S280GD+Z275 S280GD+ZM310 Plain metallic coating S280GD+Z275 S250GD+Z275 Polyester 25 µm Hard Coat 25 µm Hard Coat 50 µm S280GD+ZM140 Polyester 25 µm Hard Coat 25 µm	-	S250GD+Z275 S280GD+Z275 S280GD+ZM310 Plain metallic coating S280GD+Z275 S250GD+Z275 Polyester 25 µm Hard Coat 25 µm Hard Coat 50 µm S280GD+ZM140 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):	EN-AW 3003 H41-H46 Aluminium Hard Coat 25 µm	EN-AW 3105 H66 EN-AW 3105 H46 Aluminium Polyester 25 µm Hard Coat 25 µm	EN-AW 3003 H66 EN-AW 3003 H46 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

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	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):	S250GD+Z275 S280GD+ZM310 Plain metallic coating S250GD+Z275 Polyester 25 µm Hard Coat 25 µm Hard Coat 50 µm S280GD+ZM140 Polyester 25 µm Hard Coat 25 µm	S250GD+Z275 S280GD+ZM310 Plain metallic coating S250GD+Z275 Polyester 25 µm Hard Coat 25 µm Hard Coat 50 µm GreenCoat Pro BT 36 µm GreenCoat Mica BT 30 µm S280GD+ZM140 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):	EN-AW 3003 H41-H46 (H66) Aluminium Hard Coat 25 µm	EN-AW 3005 H47 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

Product / Declared values		Plannja Sinus 18	Plannja Sinus 51	Plannja Modern
Year when CE mark was affixed:		15	13	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 metallic coating: A1 (CWFT) Polyester 25 µm: A1 Aluminium A1: (CWFT) Hard Coat 25 µm: A1 Hard Coat 50 µm: A2-s2, d0		Plain metallic coating: A1 (CWFT) Polyester 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 S280GD+ZM310 Plain metallic coating S280GD+Z275 S250GD+Z275 Polyester 25 µm Hard Coat 25 µm Hard Coat 50 µm S280GD+ZM140 Polyester 25 µm Hard Coat 25 µm	S250GD+Z275 S280GD+Z275 S280GD+ZM310 Plain metallic coating S280GD+Z275 S250GD+Z275 Polyester 25 µm Hard Coat 25 µm Hard Coat 50 µm S280GD+ZM140 Polyester 25 µm Hard Coat 25 µm	S280GD+Z275 S250GD+Z275 Polyester 25 µm Hard Coat 50 µm
	Thickness of metal (acc. to EN 508-1: 2014, steel):	0,50; 0,60 mm	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 Aluminium Hard Coat 25 µm	EN-AW 3005 H42 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.