



DECLARATION OF PERFORMANCE No. 10/PP/ZYR

1. Unique identification code of product-type:

Tile sheets	
Finnera TS52-330-1140	Ruukki® Frigge TS41-350-1185
Ruukki® Hyygge	Armorium TS80-350-988
Monterrey TS39-350-1100	Adamante TS55-350-1125
Monterrey FEB Forma TS44-350-1100	Decorrey Grand TS43-350-1130
Standing seam sheets	
Classic SR35-475C	Soffit
Classic SR35-475D	
Classic SR35-475M	
Classic Silence SR35-475C	
Classic Silence SR35-475D	
Profiled sheets	
Profiled sheet T20-72-1095	Profiled sheet T40-119-925
Profiled sheet T20-29-1095	Profiled sheet T40-40-925
Profiled sheet T20-29W-1095	Profiled sheet T40-119X-925
Profiled sheet T35-119-1035	Profiled sheet T40-40X-925
Profiled sheet T35-40-1035	Profiled sheet T55-107L-976
Profiled sheet T35-119X-1035	Profiled sheet T55-53L-976
Profiled sheet T35-40X-1035	
Profiled sheet T35-40XW-1035	

2. Intended use:
- Tile sheets: Self-supporting profiled metal products for roofing
 - Standing seam sheets:
Self-supporting profiled metal products for roofing, ceiling, soffit, external cladding and internal lining
 - Profiled sheets:
Self-supporting profiled metal products for roofing, ceiling, soffit, external cladding and internal lining
3. Manufacturer: Ruukki Polska Sp. z o.o.
ul. Jaktorowska 13
96-300 Żyrardów, Poland
4. Authorized representative: Not applicable
5. AVCP level: reaction to fire: 3
external fire performance – profile Classic Silence: 3
other properties: 4

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

Notified Body:

Institut Techniki Budowlanej (ITB) (1488)

The list of top coatings classified by above Notified Body under reaction to fire:
Polyester 25 µm

Reaction to fire test – profile Classic Silence
External fire performance – profile Classic Silence

VTT Expert Services Oy (0809)

The list of top coatings classified by above Notified Body under reaction to fire:

Polyester Rough matt 30 µm
GreenCoat Purex 26 µm
GreenCoat Crown BT 26 µm
GreenCoat Pural BT matt 50 µm
GreenCoat Hiarc 27 µm
GreenCoat Hiarc matt 27 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.

This Declaration of Performance is available on Ruukki web page:

<https://www.ruukki.com/b2b/support/certificates-and-declarations/facade-cladding-certificates-and-approvals>
<https://www.ruukki.com/b2c/support/document-library>

Signed for and on behalf of the manufacturer by:



Adam Korol
Senior Vice President
Building Components

Helsinki, 30.10.2019

Attachment 1 to Declaration of Performance No. 10/PP/ZYR Tile sheets

Manufacturer: Ruukki Polska Sp. z o.o.
ul. Jaktorowska 13
96-300 Żyrardów, Poland

Product		Finnera TS52-330-1140	Ruukki® Hygge	Ruukki® Frigge TS41-350-1185	Monterrey FEB Forma TS44-350-1100
Declared values					
Mechanical resistance:		No Performance Determined (NPD)			
Water permeability:		Passed			
Dimensional change:		Steel: $12 \times 10^{-6} K^{-1}$			
Dimensional tolerances:		Material thickness: EN 10143:2006 Product shape: EN 508-1:2014			
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):		Polyester 25 μm : A1 Polyester Rough matt 30 μm : A2-s1, d0 GreenCoat Purex 26 μm : A1-s1, d0 GreenCoat Crown BT 26 μm : A2-s1, d0 GreenCoat Pural BT matt 50 μm : A2-s1, d0			
Durability:	Grade of metal and type of the top coating:	<u>S280GD+Z275</u> GreenCoat Purex 26 μm (Ruukki 40) GreenCoat Crown BT 26 μm (Ruukki 40)		<u>S280GD+Z275</u> Polyester 25 μm (Ruukki 30) Polyester Rough matt 30 μm (Ruukki 30 matt) GreenCoat Purex 26 μm (Ruukki 40) GreenCoat Crown BT 26 μm (Ruukki 40) GreenCoat Pural BT matt 50 μm (Ruukki 50 Plus matt)	
	Thickness of metal (acc. to EN 508-1:2014):	0,50 mm	0,60 mm	0,50 mm	
	Type and thickness of the back coating:	Epoxy min. 7 μm			

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

Attachment 2 to Declaration of Performance No. 10/PP/ZYR Tile sheets

Manufacturer: Ruukki Polska Sp. z o.o.
ul. Jaktorowska 13
96-300 Żyrardów, Poland

Product		Armorium TS80-350-988	Adamante TS55-350-1125	Monterrey TS39-350-1100	Decorrey Grand TS43-350-1130
Declared values					
Mechanical resistance:		No Performance Determined (NPD)			
Water permeability:		Passed			
Dimensional change:		Steel: $12 \times 10^{-6} \text{ K}^{-1}$			
Dimensional tolerances:		Material thickness: EN 10143:2006 Product shape: EN 508-1:2014			
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):		Polyester 25 μm : A1 Polyester Rough matt 30 μm : A2-s1, d0 GreenCoat Purex 26 μm : A1-s1, d0 GreenCoat Crown BT 26 μm : A2-s1, d0 GreenCoat Pural BT matt 50 μm : A2-s1, d0			
Durability:	Grade of metal and type of the top coating:	<u>S280GD+Z275</u> Polyester 25 μm (Ruukki 30) Polyester Rough matt 30 μm (Ruukki 30 matt) GreenCoat Purex 26 μm (Ruukki 40) GreenCoat Crown BT 26 μm (Ruukki 40) GreenCoat Pural BT matt 50 μm (Ruukki 50 Plus matt)		<u>S280GD+Z275</u> Polyester 25 μm (Ruukki 30) Polyester Rough matt 30 μm (Ruukki 30 matt) GreenCoat Purex 26 μm (Ruukki 40) GreenCoat Crown BT 26 μm (Ruukki 40) GreenCoat Pural BT matt 50 μm (Ruukki 50 Plus matt) <u>S280GD+ZM140</u> Polyester 25 μm (Ruukki 20)	
	Thickness of metal acc. to EN 508-1: 2014):	0,5 mm			
	Type and thickness of back coating:	Epoxy min. 7 μm			

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

Attachment 3 to Declaration of Performance No. 10/PP/ZYR Standing seam sheets

Manufacturer: Ruukki Polska Sp. z o.o.
ul. Jaktorowska 13,
96-300 Żyrardów, Poland

Product		Classic Silence SR35-475C SR35-475D	Classic SR35-475C SR35-475D SR35-475M	Soffit
Declared values				
Mechanical resistance:		No Performance Determined (NPD)		
Water permeability:		Passed for non-perforated profiles, NPD for perforated profiles		
Dimensional change:		Steel: $12 \times 10^{-6} K^{-1}$		
Dimensional tolerances:		Material thickness: EN 10143:2006 Product shape: EN 508-1:2014		
Release of regulated substances:		No Performance Determined (NPD)		
External fire performance:		B _{roof} (t1) for end uses determined as roofing applications, use the splice flashing RA1ACJ at joint on the sheet length. NPD for other end uses	B _{roof} (CWFT) for end uses determined as roofing applications, NPD for other end uses	
Reaction to fire (steel sheet with organic coating):		Steel profile with the one of colour coated top coating listed below and additional layer of acoustic felt on the bottom side of the profile: B-s1, d0	Polyester 25 µm: A1 Polyester Rough mat 30 µm: A2-s1, d0 GreenCoat Purex 26 µm: A1-s1, d0 GreenCoat Crown BT 26 µm: A2-s1, d0 GreenCoat Pural BT mat 50 µm: A2-s1, d0 GreenCoat Hiarc 27 µm: A1-s1, d0 GreenCoat Hiarc matt 27µm: A1-s1,d0	Polyester 25 µm: A1 Polyester Rough matt 30 µm: A2-s1, d0 Polyester wood 25 µm: A1 (CWFT) Polyester wood 30 µm: NPD
Durability:	Grade of metal and type of the top coating:	<u>S280GD+Z275</u> Polyester 25 µm (Ruukki 30) Polyester Rough matt 30 µm (Ruukki 30 matt) GreenCoat Purex 26 µm (Ruukki 40) GreenCoat Crown BT 26 µm (Ruukki 40) GreenCoat Pural BT matt 50 µm (Ruukki 50 Plus matt) GreenCoat Hiarc 27 µm GreenCoat Hiarc matt 27 µm <u>S280GD+ZM140</u> Polyester 25 µm (Ruukki 20)		<u>S280GD+Z275</u> Polyester 25 µm Polyester Rough matt 30 µm <u>S280GD+ZM140</u> Polyester 25 µm <u>DX51D+Z275</u> <u>DX51D+ZM140</u> Polyester wood 25 µm Polyester wood 30 µm
	Thickness of metal (acc. to EN 508-1:2014):	0,50 mm 0,60 mm		0,40 mm 0,45 mm 0,50 mm
	Type and thickness of back coating:	Epoxy min. 7 µm		

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

NOTE: Classic profiles are optionally available also with anticondensation or acoustic layer as EN 14782 standard includes these end application. Soffit profile is optionally available also as perforated.

Attachment 4 to Declaration of Performance No. 10/PP/ZYR Profiled sheets

Manufacturer: Ruukki Polska Sp. z o.o.
ul. Jaktorowska 13
96-300 Żyrardów, Poland

Product		Profiled sheet T20	Profiled sheet T35	Profiled sheet T40	Profiled sheet T55
Declared values	Mechanical resistance:	0,50 (S280GD): 700 mm 0,60 (S280GD): 1000 mm 0,70 (S280GD): 1100 mm 0,60 (S320GD): 1100 mm 0,70 (S320GD): 1200 mm	0,50 (S280GD): 800 mm 0,60 (S280GD): 1700 mm 0,70 (S280GD): 2300 mm 0,60 (S320GD): 2200 mm 0,70 (S320GD): 2300 mm 0,90 (S320GD): 2750 mm	0,50 (S280GD): 800 mm 0,60 (S280GD): 1700 mm 0,70 (S280GD): 2300 mm 0,60 (S320GD): 2200 mm 0,70 (S320GD): 2300 mm 0,90 (S320GD): 2750 mm	0,50 (S280GD): 2200 mm 0,60 (S280GD): 2800 mm 0,70 (S280GD): 2800 mm 0,60 (S320GD): 3500 mm 0,70 (S320GD): 6500 mm 0,90 (S320GD): 8350 mm
	Water permeability:	Passed for non-perforated profiles, NPD for perforated profiles			
Dimensional change:	Steel: $12 \times 10^{-6} \text{ K}^{-1}$				
Dimensional tolerances:	Material thickness: EN 10143:2006 Product shape: EN 508-1:2014				
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 Z275: A1 (CWFT) Polyester 25 μm : A1 Polyester Rough matt 30 μm : A2-s1, d0 GreenCoat Purex 26 μm : A1-s1, d0 GreenCoat Crown BT 26 μm : A2-s1, d0 GreenCoat Pural BT matt 50 μm : A2-s1, d0 GreenCoat Hiarc 27 μm : A1-s1, d0 GreenCoat Hiarc matt 27 μm : A1-s1, d0				
Durability:	Grade of metal and type of the top coating:	<u>S280GD+Z275</u> <u>S320GD+Z275</u> Plain galvanized Z275 Polyester 25 μm (Ruukki 30) Polyester Rough matt 30 μm (Ruukki 30 matt) GreenCoat Purex 26 μm (Ruukki 40) GreenCoat Crown BT 26 μm (Ruukki 40) GreenCoat Pural BT matt 50 μm (Ruukki 50 Plus matt) GreenCoat Hiarc 27 μm GreenCoat Hiarc matt 27 μm <u>S280GD+ZM140</u> Polyester 25 μm (Ruukki 20)	<u>S280GD+Z275</u> <u>S320GD+Z275</u> Plain galvanized Z275 Polyester 25 μm Polyester Rough matt 30 μm GreenCoat Purex 26 μm GreenCoat Crown BT 26 μm GreenCoat Pural BT matt 50 μm GreenCoat Hiarc 27 μm GreenCoat Hiarc matt 27 μm	<u>S280GD+Z275</u> <u>S320GD+Z275</u> Plain galvanized Z275 Polyester 15 μm Polyester 25 μm Polyester Rough matt 30 μm GreenCoat Purex 26 μm GreenCoat Crown BT 26 μm GreenCoat Pural BT matt 50 μm GreenCoat Hiarc 27 μm GreenCoat Hiarc matt 27 μm	
	Thickness of metal (acc. to EN 508-1:2014):	0,50 mm; 0,60 mm; 0,70 mm	0,50 mm; 0,60 mm; 0,70 mm; 0,90 mm		
	Type and thickness of back coating:	Epoxy minimum 7 μm			

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

NOTE: Profiled sheets are optionally available also with anticondensation layer or perforated as EN 14782 standard includes these end application.