



DECLARATION OF PERFORMANCE

No. 10/PP/ZYR

1. Unique identification code of product-type:

Tile sheets	
Ruukki Finnera TS52-330-1140	Ruukki Monterrey TS39-350-1100W
Ruukki Hyygge	Ruukki Monterrey Grand TS54-350-1100
Ruukki Frigge TS41-350-1185	Ruukki Modular TS47-350-1145
Ruukki Adamante TS55-350-1125	
Standing seam sheets	
Ruukki Classic Design SR32-271C	Ruukki Classic SR35-475C
Ruukki Classic Design SR32-271M	Ruukki Classic SR35-475D
Ruukki Classic Design SR32-355C	Ruukki Classic SR35-475M
Ruukki Classic Design SR32-355M	Ruukki Classic Silence SR35-475C
Ruukki Classic Design SR32-475C	Ruukki Classic Silence SR35-475D
Ruukki Classic Design SR32-475D	Soffit
Ruukki Classic Design SR32-475M	
Profiled sheets	
Ruukki T20-72-1095	Ruukki T40-119-925
Ruukki T20-29-1095	Ruukki T40-40-925
Ruukki T20-29W-1095	Ruukki T40-119X-925
Ruukki T35-119-1035	Ruukki T40-40X-925
Ruukki T35-40-1035	
Ruukki T35-119X-1035	
Ruukki T35-40X-1035	
Ruukki 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:

Instytut 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 Ruukki Classic Silence or Ruukki Classic Design
with acoustic layer

External fire performance – profile Classic Silence or Ruukki Classic Design
with acoustic layer

Eurofins Expert Services Oy (0809)

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

Polyester Rough matt 30 µm

GreenCoat Crown BT 26 µm

GreenCoat Pural BT 50 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/roofing/support-services/downloads/certificates-and-declarations>

<https://www.ruukki.com/building-envelopes/services-support/facade-cladding-support/declaration-of-performance-for-facade-claddings>

Signed for and on behalf of the manufacturer by:



Adam Korol
Senior Vice President
Building Envelopes

Helsinki, 01.08.2024

Attachment 1 to the Declaration of Performance 10/PP/ZYR – Tile sheets

Product		Ruukki Finnera TS52-330-1140	Ruukki Hyygge	Ruukki Frigge TS41-350-1185
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 508-1:2021		
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):		GreenCoat Crown BT 26 µm: A2-s1, d0 GreenCoat Pural BT 50 µm: A2-s1, d0 GreenCoat Pural BT matt 50 µm: A2-s1, d0	GreenCoat Crown BT 26 µm: A2-s1, d0 GreenCoat Pural BT matt 50 µm: A2-s1, d0	Polyester 25 µm: A1 Polyester Rough matt 30 µm: A2-s1, d0 GreenCoat Crown BT 26 µm: A2-s1, d0 GreenCoat Pural BT 50 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 Crown BT 26 µm (Ruukki 40) GreenCoat Pural BT 50 µm (Ruukki 50) GreenCoat Pural BT matt 50 µm (Ruukki 50)	<u>S280GD+Z275</u> GreenCoat Crown BT 26 µm (Ruukki 40) GreenCoat Pural BT matt 50 µm (Ruukki 50)	<u>S280GD+Z275</u> Polyester 25 µm (Ruukki 30) Polyester Rough matt 30 µm (Ruukki 30) GreenCoat Crown BT 26 µm (Ruukki 40) GreenCoat Pural BT 50 µm (Ruukki 50) GreenCoat Pural BT matt 50 µm (Ruukki 50)
	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 the Declaration of Performance 10/PP/ZYR – Tile sheets

Product		Ruukki Adamante TS55-350-1125	Ruukki Modular TS47-350-1145	Ruukki Monterrey TS39-350-1100W	Ruukki Monterrey Grand TS54-350-1100
Mechanical resistance:		No Performance Determined (NPD)			
Water permeability:		Passed			
Dimensional change:		Steel: 12 x 10 ⁻⁶ K ⁻¹			
Dimensional tolerances:		Material thickness: EN 10143:2006 Product shape: EN 508-1:2021			
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 Crown BT 26 µm: A2-s1, d0 GreenCoat Pural BT 50 µm: A2-s1, d0 GreenCoat Pural BT matt 50 µm: A2-s1, d0		Polyester 25 µm: A1 (CWFT) Polyester matt 29 µm: NPD Polyester Rough matt 30 µm: A2-s1, d0 GreenCoat Crown BT 26 µm: A2-s1, d0 GreenCoat Pural BT 50 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) GreenCoat Crown BT 26 µm (Ruukki 40) GreenCoat Pural BT 50 µm (Ruukki 50) GreenCoat Pural BT matt 50 µm (Ruukki 50)		<u>S280GD+Z275</u> Polyester 25 µm (Ruukki 30) Polyester Rough matt 30 µm (Ruukki 30) GreenCoat Crown BT 26 µm (Ruukki 40) GreenCoat Pural BT 50 µm (Ruukki 50) GreenCoat Pural BT matt 50 µm (Ruukki 50) <u>S280GD+ZM140</u> <u>S280GD+ZM120</u> Polyester 25 µm (Ruukki 20) Polyester matt 29 µm (Ruukki 20)	
	Thickness of metal acc. to EN 508-1: 2014):	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.

Attachment 3 to the Declaration of Performance 10/PP/ZYR – Standing seam sheets

Product		Ruukki Classic Design SR32-271C SR32-271M	Ruukki Classic Design SR32-355C SR32-355M	Ruukki Classic Design SR32-475C SR32-475D SR32-475M
Declared values				
Mechanical resistance:		No Performance Determined (NPD)		
Water permeability:		Passed for non-perforated profiles, NPD for perforated profiles		
Dimensional change:		Steel: $12 \times 10^{-6} \text{ K}^{-1}$		
Dimensional tolerances:		Material thickness: EN 10143:2006 Product shape: EN 508-1:2021		
Release of regulated substances:		No Performance Determined (NPD)		
External fire performance:		B_{roof} (CWFT) for end uses determined as roofing applications (standard products) B_{roof} (t1) for roofing applications for Ruukki Classic Design profiles with acoustic felt on the bottom side of the profile (required usage of the splice flashing RA1ACJ at joint on the sheet length) NPD for other end uses		
Reaction to fire (steel sheet with organic coating):		GreenCoat Crown BT 26 μm : A2-s1, d0 GreenCoat Pural BT 50 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 Steel profile with one of the organic top coating listed above and additional layer of acoustic felt on the bottom side of the profile: B-s1, d0		
Durability:	Grade of metal and type of the top coating:	<u>S280GD+Z275</u> GreenCoat Crown BT 26 μm (Ruukki 40) GreenCoat Pural BT 50 μm (Ruukki 50) GreenCoat Pural BT matt 50 μm (Ruukki 50) GreenCoat Hiarc 27 μm GreenCoat Hiarc matt 27 μm		
	Thickness of metal (acc. to EN 508-1:2014):	0,50 mm 0,60 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: Ruukki Classic Design profiles are optionally available also with anticondensation or acoustic layer as EN 14782 standard includes these end application.

Attachment 4 to the Declaration of Performance 10/PP/ZYR – Standing seam sheets

Product		Ruukki Classic Silence SR35-475C SR35-475D	Ruukki 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: $12 \times 10^{-6} \text{ K}^{-1}$		
Dimensional tolerances:		Material thickness: EN 10143:2006 Product shape: EN 508-1:2021		
Release of regulated substances:		No Performance Determined (NPD)		
External fire performance:		B _{roof} (t ₁) for roofing applications (required 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 one of the organic top coating listed above and additional layer of acoustic felt on the bottom side of the profile: B-s1, d0	Polyester 25 µm: A1 (CWFT) Polyester matt 29 µm: NPD Polyester Rough matt 30 µm: A2-s1, d0 GreenCoat Crown BT 26 µm: A2-s1, d0 GreenCoat Pural BT 50 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	Polyester 25 µm: A1 (CWFT) Polyester Rough matt 30 µm: A2-s1, d0 GreenCoat Crown BT 26 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) GreenCoat Crown BT 26 µm (Ruukki 40) GreenCoat Pural BT 50 µm (Ruukki 50) GreenCoat Pural BT matt 50 µm (Ruukki 50) GreenCoat Hiarc 27 µm GreenCoat Hiarc matt 27 µm <u>S280GD+ZM140</u> <u>S280GD+ZM120</u> Polyester 25 µm (Ruukki 20) Polyester matt 29 µm (Ruukki 20)		<u>S280GD+Z275</u> Polyester 25 µm Polyester Rough matt 30 µm GreenCoat Crown BT 26 µm <u>DX51D+Z275</u> <u>DX51D+ZM140</u> <u>DX51D+ZM120</u> Polyester wood 25 µm Polyester wood 30 µm
	Thickness of metal (acc. to EN 508-1: 2014):	0,50 mm 0,60 mm		0,50 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 5 to the Declaration of Performance 10/PP/ZYR – Profiled sheets

Product		Ruukki T20	Ruukki T35	Ruukki T40
Declared values		T20-72-1095 T20-29-1095 T20-29W-1095	T35-119-1035 T35-40-1035 T35-119X-1035 T35-40X-1035 T35-40XW-1035	T40-119-925 T40-40-925 T40-119X-925 T40-40X-925
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	0,50 (S280GD): 800 mm 0,60 (S280GD): 1700 mm 0,70 (S280GD): 2300 mm 0,60 (S320GD): 2200 mm 0,70 (S320GD): 2300 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 508-1:2021		
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 (CWFT) Polyester matt 29 µm: NPD Polyester Rough matt 30 µm: A2-s1, d0 GreenCoat Crown BT 26 µm: A2-s1, d0 GreenCoat Pural BT 50 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 GreenCoat Hiarc max 40 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) GreenCoat Crown BT 26 µm (Ruukki 40) GreenCoat Pural BT 50 µm (Ruukki 50) GreenCoat Pural BT matt 50 µm (Ruukki 50) GreenCoat Hiarc 27 µm / GreenCoat Hiarc matt 27 µm GreenCoat Hiarc max 40 µm <u>S280GD+ZM140</u> <u>S280GD+ZM120</u> Polyester 25 µm (Ruukki 20) Polyester matt 29 µm (Ruukki 20)		
	Thickness of metal (acc. to EN 508-1: 2014):	0,50 mm; 0,60 mm; 0,70 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.