



## DECLARATION OF PERFORMANCE No. 28/PP/VIM

1. Unique identification code of product-type:

Profiled sheets	
Profiled sheet T15-115-1134	Profiled sheet T45-60-905
Profiled sheet T15-25-1134	Profiled sheet T45-30-905
Profiled sheet T15-115V-1134	Profiled sheet T45-95E-1025
Profiled sheet T20-72-1090	Profiled sheet T45-30E-1025
Profiled sheet T20-30-1090	Design Tokyo™ S18
Profiled sheet T20-42S-1070	

2. Intended use: Self-supporting profiled metal products for external cladding and internal lining
3. Manufacturer: Ruukki Construction Oy  
Kalkkimäentie 1, FI – 62800 Vimpeli  
Finland
4. Authorized representative: Not applicable
5. AVCP level: reaction to fire: 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 standard 25 µm  
Polyester rough matt 30 µm  
GreenCoat Pural 50 µm  
GreenCoat Pural BT 50 µm  
GreenCoat Pural matt 50 µm  
GreenCoat Pural BT matt 50 µm
- VTT Expert Services Oy (0809)**  
The list of top coatings classified by above Notified Body under reaction to fire:  
GreenCoat Purex 26 µm  
GreenCoat Crown BT 26 µm  
GreenCoat Hiarc 27 µm  
GreenCoat Hiarc matt 27 µm  
GreenCoat Hiarc max 40 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>

Signed for and on behalf of the manufacturer by:



Adam Korol  
Senior Vice President  
Building Components

Helsinki, 01.03.2018

## Attachment 1 to Declaration of Performance No. 28/PP/VIM Profiled sheets (steel)

Manufacturer: Ruukki Construction Oy  
Kalkkimäentie 1, FI – 62800 Vimpeli  
Finland

Product		Declared values		
		Profiled sheet T15-115-1134 Profiled sheet T15-25-1134 Profiled sheet T15-115V-1134	Profiled sheet T20-72-1090 Profiled sheet T20-30-1090	Profiled sheet T20-42S-1070
Mechanical resistance:		Not applicable at cladding products or internal lining (NPD)		
Water permeability:		Passed for non-perforated profiles, NPD for perforated profiles		
Dimensional change:		Steel: $12 \times 10^{-6} \text{ K}^{-1}$		
Release of regulated substances:		No Performance Determined (NPD)		
External fire performance:		Not applicable at cladding products or internal lining (NPD)		
Reaction to fire (steel sheet with organic coating):		Plain galvanized Z275 / Z350: A1 (CWFT) Polyester standard 25 µm: A1 Polyester rough matt 30 µm: A1 GreenCoat Purex 26 µm: A1-s1, d0 GreenCoat Crown BT 26 µm: A2-s1, d0 GreenCoat Pural 50 µm: A2-s1, d0 GreenCoat Pural BT 50 µm: A2-s1, d0 GreenCoat Pural matt 50 µm: A2-s1, d0 GreenCoat Pural BT matt 50 µm: A2-s1, d0 GreenCoat Hiarc 27 µm: A1 GreenCoat Hiarc matt 27 µm: A1 GreenCoat Hiarc max 40 µm: A1		
Durability:	Grade of metal:	S280GD+Z275	S280GD+Z275	S280GD+Z275
	Thickness of metal (acc. to EN 508-1: 2014):	0,45 mm; 0,5 mm 0,6 mm; 0,7 mm	0,45 mm; 0,5 mm 0,6 mm; 0,7 mm 0,8 mm	0,45 mm; 0,5 mm 0,6 mm; 0,7 mm 0,8 mm
	Type and thickness of top coating:	Plain galvanized Z275, Z350 Polyester standard 25 µm Polyester rough matt 30 µm GreenCoat Purex 26 µm GreenCoat Crown BT 26 µm GreenCoat Pural 50 µm GreenCoat Pural BT 50 µm GreenCoat Pural matt 50 µm GreenCoat Pural BT matt 50 µm GreenCoat Hiarc 27 µm GreenCoat Hiarc matt 27 µm GreenCoat Hiarc max 40 µm		
	Type and thickness of back coating:	Epoxy min. 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.

## Attachment 2 to Declaration of Performance No. 28/PP/VIM Profiled sheets (steel)

Manufacturer: Ruukki Construction Oy  
Kalkkimäentie 1, FI – 62800 Vimpeli  
Finland

Product		Declared values		
		Profiled sheet T45-60-905 Profiled sheet T45-30-905	Profiled sheet T45-90E-1025 Profiled sheet T45-30E-1025	Profiled sheet Design Tokyo™ S18
Mechanical resistance:		Not applicable at cladding products or internal lining (NPD)		
Water permeability:		Passed for non-perforated profiles, NPD for perforated profiles		
Dimensional change:		Steel: $12 \times 10^{-6} \text{ K}^{-1}$		
Release of regulated substances:		No Performance Determined (NPD)		
External fire performance:		Not applicable at cladding products or internal lining (NPD)		
Reaction to fire (steel sheet with organic coating):		Plain galvanized Z275 / Z350: A1 (CWFT) Polyester standard 25 µm: A1 Polyester rough matt 30 µm: A1 GreenCoat Purex 26 µm: A1-s1, d0 GreenCoat Crown BT 26 µm: A2-s1, d0 GreenCoat Pural 50 µm: A2-s1, d0 GreenCoat Pural BT 50 µm: A2-s1, d0 GreenCoat Pural matt 50 µm: A2-s1, d0 GreenCoat Pural BT matt 50 µm: A2-s1, d0 GreenCoat Hiarc 27 µm: A1 GreenCoat Hiarc matt 27 µm: A1 GreenCoat Hiarc max 40 µm: A1 Powder paint: NPD		
	Grade of metal:	S280GD+Z275	S280GD+Z275 S320GD+Z275	S280GD+Z275 DX51D+Z275
	Thickness of metal (acc. to EN 508-1: 2014):	0,45 mm; 0,5 mm; 0,6 mm 0,7 mm; 0,8 mm 0,9 mm; 1,0 mm	0,45 mm; 0,5 mm; 0,6 mm 0,7 mm; 0,8 mm 0,9 mm; 1,0 mm	0,5 mm 0,6 mm
Durability:	Type and thickness of top coating:	Plain galvanized Z275, Z350 Polyester standard 25 µm Polyester rough matt 30 µm GreenCoat Purex 26 µm GreenCoat Crown BT 26 µm GreenCoat Pural 50 µm GreenCoat Pural BT 50 µm GreenCoat Pural matt 50 µm GreenCoat Pural BT matt 50 µm GreenCoat Hiarc 27 µm GreenCoat Hiarc matt 27 µm GreenCoat Hiarc max 40 µm		Polyester standard 25 µm GreenCoat Pural 50 µm GreenCoat Pural BT 50 µm GreenCoat Pural matt 50 µm GreenCoat Pural BT matt 50 µm GreenCoat Hiarc 27 µm GreenCoat Hiarc matt 27 µm GreenCoat Hiarc max 40 µm Powder paint
	Type and thickness of back coating:	Epoxy min. 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.

### Attachment 3 to Declaration of Performance No. 28/PP/VIM Profiled sheets (aluminium)

Manufacturer: Ruukki Construction Oy  
Kalkkimäentie 1, FI – 62800 Vimpeli  
Finland

Product		Declared values		
		Profiled sheet T15-115-1134 Profiled sheet T15-25-1134 Profiled sheet T15-115V-1134	Profiled sheet T20-72-1090 Profiled sheet T20-30-1090	Profiled sheet T20-42S-1070
Mechanical resistance:		Not applicable at cladding products or internal lining (NPD)		
Water permeability:		Passed for non-perforated profiles, NPD for perforated profiles		
Dimensional change:		Aluminium: $24 \times 10^{-6} K^{-1}$		
Release of regulated substances:		No Performance Determined (NPD)		
External fire performance:		Not applicable at cladding products or internal lining (NPD)		
Reaction to fire (steel sheet with organic coating):		Plain aluminium: NPD Polyester 25 µm: NPD Powder coating: NPD		
Durability:	Grade of metal:	Aluminium EN AW-3105 Aluminium EN AW-3003 Aluminium EN AW-3005 Aluminium EN AW-5005 Aluminium EN AW-5754	Aluminium EN AW-3105 Aluminium EN AW-3003 Aluminium EN AW-3005 Aluminium EN AW-5005 Aluminium EN AW-5754	Aluminium EN AW-3105 Aluminium EN AW-3003 Aluminium EN AW-3005 Aluminium EN AW-5005 Aluminium EN AW-5754
	Thickness of metal (acc. to EN 485-4: 1993, EN 508-2: 2008):	0,5 mm; 0,6 mm; 0,7 mm; 0,8 mm; 0,9 mm; 1,0 mm	0,4 mm; 0,5 mm; 0,6 mm; 0,7 mm; 0,8 mm; 0,9 mm; 1,0 mm	0,4 mm; 0,5 mm; 0,6 mm; 0,7 mm; 0,8 mm; 0,9 mm; 1,0 mm
	Type and thickness of top coating:	Plain aluminium Polyester 25 µm Powder coating	Plain aluminium Polyester 25 µm Powder coating	Plain aluminium Polyester 25 µm Powder coating
	Type and thickness of back coating:	Plain aluminium or Epoxy min. 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.

## Attachment 4 to Declaration of Performance No. 28/PP/VIM Profiled sheets (aluminium)

Manufacturer: Ruukki Construction Oy  
Kalkkimäentie 1, FI – 62800 Vimpeli  
Finland

Product		Declared values		
		Profiled sheet T45-60-905 Profiled sheet T45-30-905	Profiled sheet T45-90E-1025 Profiled sheet T45-30E-1025	Profiled sheet Design Tokyo™ S18
Mechanical resistance:		Not applicable at cladding products or internal lining (NPD)		
Water permeability:		Passed for non-perforated profiles, NPD for perforated profiles		
Dimensional change:		Aluminium: $24 \times 10^{-6} \text{ K}^{-1}$		
Release of regulated substances:		No Performance Determined (NPD)		
External fire performance:		Not applicable at cladding products or internal lining (NPD)		
Reaction to fire (steel sheet with organic coating):		Plain aluminium: NPD Polyester 25 µm: NPD Powder coating: NPD		
Durability:	Grade of metal:	Aluminium EN AW-3105 Aluminium EN AW-3003 Aluminium EN AW-3005 Aluminium EN AW-5005 Aluminium EN AW-5754	Aluminium EN AW-3105 Aluminium EN AW-3003 Aluminium EN AW-3005 Aluminium EN AW-5005 Aluminium EN AW-5754	Aluminium EN AW-3105 Aluminium EN AW-3003 Aluminium EN AW-3005 Aluminium EN AW-5005 Aluminium EN AW-5754
	Thickness of metal (acc. to EN 485-4: 1993, EN 508-2: 2008):	0,5 mm; 0,6 mm; 0,7 mm; 0,8 mm; 0,9 mm; 1,0 mm	0,5 mm; 0,6 mm; 0,7 mm; 0,8 mm; 0,9 mm; 1,0 mm	0,4 mm; 0,5 mm; 0,6 mm; 0,7 mm; 0,8 mm; 0,9 mm; 1,0 mm
	Type and thickness of top coating:	Plain aluminium Polyester 25 µm Powder coating	Plain aluminium Polyester 25 µm Powder coating	Plain aluminium Polyester 25 µm Powder coating
	Type and thickness of back coating:	Plain aluminium or Epoxy min. 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.