



## 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    |                                      |
| Ruukki Classic LowCarbon SR32-475C |                                      |
| Ruukki Classic LowCarbon 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 Ruukki Classic with acoustic layer: 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 Design, Ruukki Classic LowCarbon or Ruukki Classic Silence with acoustic layer  
External fire performance – profile Ruukki Classic Design, Ruukki Classic LowCarbon or Ruukki Classic Silence 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, 10.12.2024

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

| Product                                                                             |                                             | Ruukki Finnera<br>TS52-330-1140                                                                                                                                                           | Ruukki Hyygge                                                                                                                       | Ruukki Frigge<br>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<br>Product shape: EN 508-1:2021                                                                                                                         |                                                                                                                                     |                                                                                                                                                                                                                                                                                                |
| Release of regulated substances:                                                    |                                             | No Performance Determined (NPD)                                                                                                                                                           |                                                                                                                                     |                                                                                                                                                                                                                                                                                                |
| External fire performance:                                                          |                                             | $B_{\text{roof}}$ (CWFT) for end uses determined as roofing applications,<br>NPD for other end uses                                                                                       |                                                                                                                                     |                                                                                                                                                                                                                                                                                                |
| Reaction to fire<br>(steel sheet with organic coating) acc.<br>to EN 13501-1: 2018: |                                             | GreenCoat Crown BT 26 $\mu\text{m}$ :<br>A2-s1, d0<br>GreenCoat Pural BT<br>50 $\mu\text{m}$ : A1-s1, d0<br>GreenCoat Pural BT matt 50<br>$\mu\text{m}$ : A1-s1, d0                       | GreenCoat Crown BT 26 $\mu\text{m}$ :<br>A2-s1, d0<br>GreenCoat Pural BT matt<br>50 $\mu\text{m}$ : A1-s1, d0                       | Polyester 25 $\mu\text{m}$ : A1<br>Polyester Rough matt 30 $\mu\text{m}$ :<br>A2-s1, d0<br>GreenCoat Crown BT 26 $\mu\text{m}$ :<br>A2-s1, d0<br>GreenCoat Pural BT 50 $\mu\text{m}$ :<br>A1-s1, d0<br>GreenCoat Pural BT matt<br>50 $\mu\text{m}$ : A1-s1, d0                                 |
| Durability:                                                                         | Grade of metal and type of the top coating: | <u>S280GD+Z275</u><br>GreenCoat Crown BT 26 $\mu\text{m}$<br>(Ruukki 40)<br>GreenCoat Pural BT 50 $\mu\text{m}$<br>(Ruukki 50)<br>GreenCoat Pural BT matt 50 $\mu\text{m}$<br>(Ruukki 50) | <u>S280GD+Z275</u><br>GreenCoat Crown BT 26 $\mu\text{m}$<br>(Ruukki 40)<br>GreenCoat Pural BT matt 50 $\mu\text{m}$<br>(Ruukki 50) | <u>S280GD+Z275</u><br>Polyester 25 $\mu\text{m}$<br>(Ruukki 30)<br>Polyester Rough matt 30 $\mu\text{m}$<br>(Ruukki 30)<br>GreenCoat Crown BT 26 $\mu\text{m}$<br>(Ruukki 40)<br>GreenCoat Pural BT 50 $\mu\text{m}$<br>(Ruukki 50)<br>GreenCoat Pural BT matt 50 $\mu\text{m}$<br>(Ruukki 50) |
|                                                                                     | Thickness of metal:                         | 0,50 mm                                                                                                                                                                                   | 0,60 mm                                                                                                                             | 0,50 mm                                                                                                                                                                                                                                                                                        |
|                                                                                     | Type and thickness of the back coating:     | Epoxy min. 7 $\mu\text{m}$                                                                                                                                                                |                                                                                                                                     |                                                                                                                                                                                                                                                                                                |

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<br><br>Declared values                                                      |                                             | Ruukki Adamante<br>TS55-350-1125                                                                                                                                                                                             | Ruukki Modular<br>TS47-350-1145 | Ruukki Monterrey<br>TS39-350-1100W                                                                                                                                                                                                                                                                                                                    | Ruukki Monterrey<br>Grand<br>TS54-350-1100 |
|-------------------------------------------------------------------------------------|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
|                                                                                     |                                             |                                                                                                                                                                                                                              |                                 |                                                                                                                                                                                                                                                                                                                                                       |                                            |
| Mechanical resistance:                                                              |                                             | No Performance Determined (NPD)                                                                                                                                                                                              |                                 |                                                                                                                                                                                                                                                                                                                                                       |                                            |
| Water permeability:                                                                 |                                             | Passed                                                                                                                                                                                                                       |                                 |                                                                                                                                                                                                                                                                                                                                                       |                                            |
| Dimensional change:                                                                 |                                             | Steel: 12 x 10 <sup>-6</sup> K <sup>-1</sup>                                                                                                                                                                                 |                                 |                                                                                                                                                                                                                                                                                                                                                       |                                            |
| Dimensional tolerances:                                                             |                                             | Material thickness: EN 10143:2006<br>Product shape: EN 508-1:2021                                                                                                                                                            |                                 |                                                                                                                                                                                                                                                                                                                                                       |                                            |
| Release of regulated substances:                                                    |                                             | No Performance Determined (NPD)                                                                                                                                                                                              |                                 |                                                                                                                                                                                                                                                                                                                                                       |                                            |
| External fire performance:                                                          |                                             | B <sub>roof</sub> (CWFT) for end uses determined as roofing applications,<br>NPD for other end uses                                                                                                                          |                                 |                                                                                                                                                                                                                                                                                                                                                       |                                            |
| Reaction to fire<br>(steel sheet with organic coating) acc.<br>to EN 13501-1: 2018: |                                             | Polyester 25 µm: A1<br><br>Polyester Rough matt 30 µm: A2-s1, d0<br>GreenCoat Crown BT 26 µm: A2-s1, d0<br>GreenCoat Pural BT 50 µm: A1-s1, d0<br>GreenCoat Pural BT matt 50 µm: A1-s1, d0                                   |                                 | Polyester 25 µm: A1 (CWFT)<br><br>Polyester matt 29 µm: NPD<br><br>Polyester Rough matt 30 µm: A2-s1, d0<br>GreenCoat Crown BT 26 µm: A2-s1, d0<br>GreenCoat Pural BT 50 µm: A1-s1, d0<br>GreenCoat Pural BT matt 50 µm: A1-s1, d0                                                                                                                    |                                            |
|                                                                                     |                                             |                                                                                                                                                                                                                              |                                 |                                                                                                                                                                                                                                                                                                                                                       |                                            |
| Durability:                                                                         | Grade of metal and type of the top coating: | <u>S280GD+Z275</u><br><br>Polyester 25 µm (Ruukki 30)<br>Polyester Rough matt 30 µm (Ruukki 30)<br>GreenCoat Crown BT 26 µm (Ruukki 40)<br>GreenCoat Pural BT 50 µm (Ruukki 50)<br>GreenCoat Pural BT matt 50 µm (Ruukki 50) |                                 | <u>S280GD+Z275</u><br><br>Polyester 25 µm (Ruukki 30)<br>Polyester Rough matt 30 µm (Ruukki 30)<br>GreenCoat Crown BT 26 µm (Ruukki 40)<br>GreenCoat Pural BT 50 µm (Ruukki 50)<br>GreenCoat Pural BT matt 50 µm (Ruukki 50)<br><br><u>S280GD+ZM140</u><br><u>S280GD+ZM120</u><br><br>Polyester 25 µm (Ruukki 20)<br>Polyester matt 29 µm (Ruukki 20) |                                            |
|                                                                                     | Thickness of metal:                         | 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<br>SR32-271C<br>SR32-271M                                                                                                                                                                                                                                                                                                                                                                       | Ruukki Classic Design<br>SR32-355C<br>SR32-355M | Ruukki Classic Design<br>SR32-475C<br>SR32-475D<br>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<br>Product shape: EN 508-1:2021                                                                                                                                                                                                                                                                                                                                                     |                                                 |                                                              |
| Release of regulated substances:                                              |                                             | No Performance Determined (NPD)                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                              |
| External fire performance:                                                    |                                             | $B_{\text{roof}}$ (CWFT) for end uses determined as roofing applications (standard products)<br>$B_{\text{roof}}$ (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)<br>NPD for other end uses                                                                         |                                                 |                                                              |
| Reaction to fire (steel sheet with organic coating) acc. to EN 13501-1: 2018: |                                             | GreenCoat Crown BT 26 $\mu\text{m}$ : A2-s1, d0<br>GreenCoat Pural BT 50 $\mu\text{m}$ : A1-s1, d0<br>GreenCoat Pural BT matt 50 $\mu\text{m}$ : A1-s1, d0<br>GreenCoat Hiarc 27 $\mu\text{m}$ A1-s1, d0<br>GreenCoat Hiarc matt 27 $\mu\text{m}$ : A1-s1, d0<br><br>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><br>GreenCoat Crown BT 26 $\mu\text{m}$ (Ruukki 40)<br>GreenCoat Pural BT 50 $\mu\text{m}$ (Ruukki 50)<br>GreenCoat Pural BT matt 50 $\mu\text{m}$ (Ruukki 50)<br>GreenCoat Hiarc 27 $\mu\text{m}$<br>GreenCoat Hiarc matt 27 $\mu\text{m}$                                                                                                                                                         |                                                 |                                                              |
|                                                                               | Thickness of metal:                         | 0,50 mm<br>0,60 mm                                                                                                                                                                                                                                                                                                                                                                                                    |                                                 |                                                              |
|                                                                               | Type and thickness of back coating:         | Epoxy min. 7 $\mu\text{m}$                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |                                                              |

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 LowCarbon<br>SR32-475C<br>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<br>Product shape: EN 508-1:2021                                                                                                                                                                                                                                                                                |
| Release of regulated substances:                                              |                                             | No Performance Determined (NPD)                                                                                                                                                                                                                                                                                                                  |
| External fire performance:                                                    |                                             | $B_{\text{roof}}$ (CWFT) for end uses determined as roofing applications (standard products)<br>$B_{\text{roof}}$ (t1) for roofing applications for Ruukki Classic LowCarbon profiles with acoustic felt on the bottom side of the profile (required usage of the splice flashing RA1ACJ at joint on the sheet length)<br>NPD for other end uses |
| Reaction to fire (steel sheet with organic coating) acc. to EN 13501-1: 2018: |                                             | GreenCoat Pural BT matt 50 $\mu\text{m}$ : A1-s1, d0<br>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><br>GreenCoat Pural BT matt 50 $\mu\text{m}$ (Ruukki 50)                                                                                                                                                                                                                                                                       |
|                                                                               | Thickness of metal:                         | 0,50 mm                                                                                                                                                                                                                                                                                                                                          |
|                                                                               | Type and thickness of back coating:         | Epoxy min. 7 $\mu\text{m}$                                                                                                                                                                                                                                                                                                                       |

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

NOTE: Ruukki Classic LowCarbon profiles are optionally available also with acoustic layer as EN 14782 standard includes these end application.

# Attachment 5 to the Declaration of Performance 10/PP/ZYR – Standing seam sheets

| Product                                                                       |                                             | Ruukki Classic Silence<br>SR35-475C<br>SR35-475D                                                                                                                                                                                                                                                                                                                                                     | Ruukki Classic<br>SR35-475C<br>SR35-475D<br>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<br>Product shape: EN 508-1:2021                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                      |
| Release of regulated substances:                                              |                                             | No Performance Determined (NPD)                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                      |
| External fire performance:                                                    |                                             | B <sub>roof</sub> (t1) for roofing applications (required use the splice flashing RA1ACJ at joint on the sheet length)<br><br>NPD for other end uses                                                                                                                                                                                                                                                 | B <sub>roof</sub> (CWFT) for end uses determined as roofing applications, NPD for other end uses                                                                                                                                                                                                       |                                                                                                                                                                                                                      |
| Reaction to fire (steel sheet with organic coating) acc. to EN 13501-1: 2018: |                                             | 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)<br>Polyester matt 29 µm: NPD<br>Polyester Rough matt 30 µm: A2-s1, d0<br>GreenCoat Crown BT 26 µm: A2-s1, d0<br>GreenCoat Pural BT 50 µm: A1-s1, d0<br>GreenCoat Pural BT matt 50 µm: A1-s1, d0<br>GreenCoat Hiarc 27 µm: A1-s1, d0<br>GreenCoat Hiarc matt 27 µm: A1-s1,d0 | Polyester 25 µm: A1 (CWFT)<br>Polyester Rough matt 30 µm: A2-s1, d0<br>GreenCoat Crown BT 26 µm: A2-s1, d0<br>Polyester wood 25 µm: A1 (CWFT)<br>Polyester wood 30 µm: NPD                                           |
| Durability:                                                                   | Grade of metal and type of the top coating: | <u>S280GD+Z275</u><br>Polyester 25 µm (Ruukki 30)<br>Polyester Rough matt 30 µm (Ruukki 30)<br>GreenCoat Crown BT 26 µm (Ruukki 40)<br>GreenCoat Pural BT 50 µm (Ruukki 50)<br>GreenCoat Pural BT matt 50 µm (Ruukki 50)<br>GreenCoat Hiarc 27 µm<br>GreenCoat Hiarc matt 27 µm<br><br><u>S280GD+ZM140</u><br><u>S280GD+ZM120</u><br>Polyester 25 µm (Ruukki 20)<br>Polyester matt 29 µm (Ruukki 20) |                                                                                                                                                                                                                                                                                                        | <u>S280GD+Z275</u><br>Polyester 25 µm<br>Polyester Rough matt 30 µm<br>GreenCoat Crown BT 26 µm<br><br><u>DX51D+Z275</u><br><u>DX51D+ZM140</u><br><u>DX51D+ZM120</u><br>Polyester wood 25 µm<br>Polyester wood 30 µm |
|                                                                               | Thickness of metal:                         | 0,50 mm<br>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 6 to the Declaration of Performance 10/PP/ZYR – Profiled sheets

| Product                                                                       |                                             | Ruukki T20                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Ruukki T35                                                                                                                    | Ruukki T40                                                                                                                    |
|-------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Declared values                                                               |                                             | T20-72-1095<br>T20-29-1095<br>T20-29W-1095                                                                                                                                                                                                                                                                                                                                                                                                                                      | T35-119-1035<br>T35-40-1035<br>T35-119X-1035<br>T35-40X-1035<br>T35-40XW-1035                                                 | T40-119-925<br>T40-40-925<br>T40-119X-925<br>T40-40X-925                                                                      |
| Mechanical resistance:                                                        |                                             | 0,50 (S280GD): 700 mm<br>0,60 (S280GD): 1000 mm<br>0,70 (S280GD): 1100 mm<br>0,60 (S320GD): 1100 mm<br>0,70 (S320GD): 1200 mm                                                                                                                                                                                                                                                                                                                                                   | 0,50 (S280GD): 800 mm<br>0,60 (S280GD): 1700 mm<br>0,70 (S280GD): 2300 mm<br>0,60 (S320GD): 2200 mm<br>0,70 (S320GD): 2300 mm | 0,50 (S280GD): 800 mm<br>0,60 (S280GD): 1700 mm<br>0,70 (S280GD): 2300 mm<br>0,60 (S320GD): 2200 mm<br>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<br>Product shape: EN 508-1:2021                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                               |                                                                                                                               |
| Release of regulated substances:                                              |                                             | No Performance Determined (NPD)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                               |                                                                                                                               |
| External fire performance:                                                    |                                             | B <sub>roof</sub> (CWFT) for end uses determined as roofing applications,<br>NPD for other end uses                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                               |                                                                                                                               |
| Reaction to fire (steel sheet with organic coating) acc. to EN 13501-1: 2018: |                                             | Plain galvanized Z275: A1 (CWFT)<br>Polyester 25 µm: A1 (CWFT)<br>Polyester matt 29 µm: NPD<br>Polyester Rough matt 30 µm: A2-s1, d0<br>GreenCoat Crown BT 26 µm: A2-s1, d0<br>GreenCoat Pural BT 50 µm: A1-s1, d0<br>GreenCoat Pural BT matt 50 µm: A1-s1, d0<br>GreenCoat Hiarc 27 µm: A1-s1, d0<br>GreenCoat Hiarc matt 27 µm: A1-s1, d0<br>GreenCoat Hiarc max 40 µm: A1-s1, d0                                                                                             |                                                                                                                               |                                                                                                                               |
| Durability:                                                                   | Grade of metal and type of the top coating: | <u>S280GD+Z275</u><br><u>S320GD+Z275</u><br>Plain galvanized Z275<br>Polyester 25 µm (Ruukki 30)<br>Polyester Rough matt 30 µm (Ruukki 30)<br>GreenCoat Crown BT 26 µm (Ruukki 40)<br>GreenCoat Pural BT 50 µm (Ruukki 50)<br>GreenCoat Pural BT matt 50 µm (Ruukki 50)<br>GreenCoat Hiarc 27 µm / GreenCoat Hiarc matt 27 µm<br>GreenCoat Hiarc max 40 µm<br><br><u>S280GD+ZM140</u><br><u>S280GD+ZM120</u><br>Polyester 25 µm (Ruukki 20)<br>Polyester matt 29 µm (Ruukki 20) |                                                                                                                               |                                                                                                                               |
|                                                                               | Thickness of metal:                         | 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.