

## NATIONAL DECLARATION OF PERFORMANCE KDWU No. 52/2025

1. Name of the building product:  
**Colour coated flat sheets and small coils**
2. Type of the building product:  
Colour coated steel material in form of flat sheets and small coils
3. Intended use:  
Finishing elements for roofs or walls
4. Name and address of the producer and production place:  
Ruukki Polska Sp. z o.o., ul. Jaktorowska 13, 96-300 Żyrardów, Poland
5. Name and address of the authorized representative:  
Not relevant
6. National system of the assessment and verification of constancy of product characteristics:  
System 4
7. National technical specification:  
7a. Standard EN 10169: 2022  
„Continuously organic coated (coil coated) steel flat products. Technical delivery conditions”
8. Declared essential characteristics of the product:

| Essential characteristics<br>of the product at<br>declared intended use | Declared product characteristics for used raw materials                     |                        |                       |                            |
|---|---|------------------------|-----------------------|----------------------------|
|   | Polyester   | Polyester<br>Rough mat | GreenCoat<br>Crown BT | GreenCoat<br>Pural BT matt |
| Thickness<br>of the material  | 0,5 – 0,9 mm  |                        |                       |                            |
| Steel grade<br>and type of metallic coating                             | S280GD+Z275, S320GD+Z275, DX51D+Z275 (according to agreement with customer) |                        |                       |                            |
| Thickness of the top<br>coating   | 25 µm   | 30 µm                  | 26 µm                 | 50 µm                      |
| Gloss   | 35  | 4                      | 10                    | < 5                        |
| Minimal bending radius  | 3T  | 2T                     | 1T                    | 1T                         |
| Resistance to UV radiation  | R <sub>uv</sub> 2 – R <sub>uv</sub> 3                                       | R <sub>uv</sub> 3      | R <sub>uv</sub> 3     | R <sub>uv</sub> 5          |
| Corrosion resistance  | RC3   | RC4                    | RC5                   | RC5+                       |
| Scratch resistance  | 20N   | 25N                    | 25N                   | 40N                        |
| Highest operating<br>temperature  | 90 °C   | 90 °C                  | 100 °C                | 100 °C                     |
| Minimum operating<br>temperature  | 0 °C  | 0 °C                   | 0 °C                  | -15 °C                     |

| Essential characteristics<br>of the product at<br>declared intended use | Declared product characteristics for used raw materials  |                     |
|---|--|---------------------|
|   | Polyester  | Polyester matt      |
| Thickness<br>of the material  | 0,5 mm   |                     |
| Steel grade<br>and type of metallic coating                             | S280GD+ZM140, S280GD+ZM120, DX51D+ZM140, DX51D+ZM120<br>(according to agreement with customer) |                     |
| Thickness of the top<br>coating   | 25 µm  | 29 µm               |
| Gloss   | 30 - 50  | < 10                |
| Mimimal bending radius  | 3T   | 2T                  |
| Resistance to UV radiation  | $R_{UV2} - R_{UV3}$  | $R_{UV2} - R_{UV3}$ |
| Corrosion resistance  | RC3  | RC3                 |
| Highest operating<br>temperature  | 90 °C  | 90 °C               |
| Minimum operating<br>temperature  | 0 °C   | 0 °C                |

9. The performance of the product identified above is in conformity with the set of declared performances listed in point 8. This National Declaration of Performance is issued under the sole responsibility of the manufacturer in accordance with Polish legal order about the building products dated on 16<sup>th</sup> of April 2004.

Signed for and on behalf of the manufacturer by:



Adam Korol  
Vice President  
Ruukki Construction

Helsinki, 25.04.2025