

## THE DECLARATION OF PERFORMANCE

### No. 1/ 2017

1. **Manufacturer of the construction product:**  
RRS Sp. z o.o. S.K.A.  
ul. Reymonta 2, 77-400 Złotów, Poland
2. **Description of the construction product:** Steel coated roof-tile sheet type QUALES<sup>®</sup> with organic coatings (polyester shine 25 µm, polyester mat 35 µm, polyurethane, HPS 200 Ultra), OC-zinc 220 or 225 g/m<sup>2</sup>, AZ-aluzinc 150 or 180 g/m<sup>2</sup>.
3. **Use and range of use of the construction product:** External cladding and internal lining, because of requirements for protection against sheet corrosion depending on the kind of coating, can be used with zinc coating of weight 200 or 275 g/m<sup>2</sup>, aluzinc coating of weight 150 or 185 g/m<sup>2</sup> coated by polyester coatings of thickness 25 µm and 35 µm or polyurethane coatings of thickness 50 µm and paint coatings allowed to trade and use – according to range of use for paint coatings described into Polskie Normy (Polish Standards). Usage of sheets should apply to building technical projects, to elaborations taking into consideration existing technical and construction standards and code, provisions of the standard and assembly recommendations of the sheet manufacturer.
4. **Reference document:**  
Polska Norma nr (Polish Standard No.) PN-EN 14782:2008  
Title: 'Self-supporting metal sheet for roofing, external cladding and internal lining'  
published: January 2008 by: Polski Komitet Normalizacyjny
5. **Declared technical characteristics for the type of construction product:**
  - sheet type: QUALES<sup>®</sup> thickness: 0,50 (mm)
  - type of steel kind: S 280 GD+ Z, S 250 GD+Z, DX51D, AZ-aluzinc 150 or 180 g/m<sup>2</sup>
  - coated with coating Z 225, Z 275
  - organic coating: polyester
  - Page A: 25 SP, D 35 SP, polyurethane, HPS 200 Ultra.
  - Page B: 10 OPO, 15 OPO.
  - Charge width: 1250 (mm) Class I
  - **concentrated load resistance:** this requirement keeps no application to sheets used for internal lining, to roof-tile sheets assembled on laths with spacing equaled or smaller than 400 mm.
  - **combustibility:** hot-dip coated steel (zinc, aluzinc) are acknowledged as meeting the requirements of resistance Class A1
  - **permeability to water:** sheets are considered as impermeable for water
  - **permeability to air and vapours:** sheets are considered as impermeable for air and vapours
  - **dimension change:** thermal expansion causes the dimension change of sheet what influences to product utilization; the following thermal expansions need to be taken into consideration, for steel  $12 \times 10^{-6} K^{-1}$ , aluminium  $24 \times 10^{-6} K^{-1}$ , zinc  $22 \times 10^{-6} K^{-1}$ .

Hereby I declare with full responsibility that the products described in point 5 are in accordance with the reference documents presented in point 4.

The declaration was issued basing on: Specification of Zakładowa Kontrola Produkcji RRS Sp. z o.o. S.K.A. (Factory Production Control in RRS Sp. z o.o. S.K.A. company) and Declarations of sheet manufacturers.

Gdańsk, dated 1st March 2017

  
Tomasz Kurcin  
Prezes Zarządu

President of the Board of the General Partner of RRS Sp. z o.o. S.K.A.

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