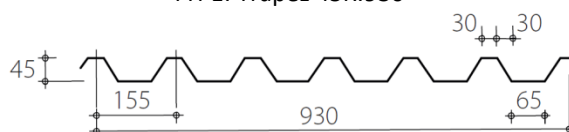


## Declaration of performance

1. Reference number: 29.05.22:45R.930

2. Product: Steel profile (S280 GD)

TYPE: Trapez 45R.930



3. Intended use: Self-supporting trapezoidal steel profiles for Roofing EN 14782:2006

4. Manufacturer: Tata Steel Norway Byggsystem AS, Røraskogen 2, 3739 Skien, Norway

6. System or systems of assessment and verification of constancy of the performance (AVCP)

System 4

### 9. Declared performance

Main characteristic	Performance	Harmonised technical specification
Resistance to concentrated force	Exceeds the load carrying requirements with respect to the concentrated force	EN 14782:2006, Section 4.3
Sheet thickness	0,5-0,80 Aluzinc	EN 14782:2006, Section 4.8
Dimensional tolerances	NPD	EN 14782:2006
Water tightness	Impermeable in the absence of holes. Visual inspection successful	EN 14782:2006, Section 4.4
Dimensional changes	Heat expansion coefficient steel: $12 \cdot 10^{-6} \text{ K}^{-1}$	EN 14782:2006, Section 4.6
Release of hazardous substances	NPD	EN 14782:2006, Section 4.11
Behaviour under external exposure to fire	Deemed to satisfy requirements/ Better than: Class Broof (t1), Class Broof (t2) and Class Broof (t3)	EN 14782:2006, Section 4.9
Reaction to fire	A1	EN 14782:2006, Section 4.10 EN 13501-1:2007 + A1:2009
Durability	Metal: Aluzinc, steelgrade S280 GD	EN 14782:2006, Section 4.8

10.

The performance of the product according to points 1 and 2 corresponds to the declared performance in point 9. The manufacturer according to point 4 is alone responsible for the issue of this declaration of performance. Signed on behalf of and in the name of the manufacturer by:



Anders Ivarsson (Director)

Halmstad, Denmark, 04.11.2015