

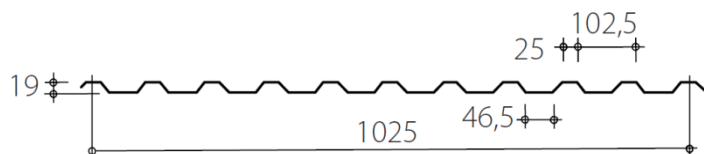
## Declaration of performance



1. Reference number: 1.05.16:19R.1025

2. Product: Steel profile (S280 GD)

TYPE: Trapez 19R.1025



Intended use: Self-supporting trapezoidal steel profiles for roofs EN 14782:2006

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

System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V

System 3

System 4

System 3 has been used in relation to reaction to fire according to EN 13501-1:2007 + A1:2009  
Test Report No. 313041, Issue No. 3

System 4 has been used for  
constancy of other characteristics.

## 9. Declared performance

Main characteristic	Performance	Harmonised technical specification
Resistance to concentrated force	1.2 kN at a span of: ref.: <a href="http://www.tsbsnordic.dk/da/teknik/bibliotek/trapez/">http://www.tsbsnordic.dk/da/teknik/bibliotek/trapez/</a>	EN 14782:2006, Section 4.3
Sheet thickness	0,6 mm Colorcoat HPS200 Ultra	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	Class Broof (t1), Class Broof (t2) and Class Broof (t3)	EN 14782:2006, Section 4.9
Reaction to fire	C-s2,d0	EN 14782:2006, Section 4.10 EN 13501-1:2007 + A1:2009
Durability	Coating: Side A: Plastisol 200 $\mu\text{m}$	EN 14782:2006, Section 4.3
	Coating: Side B: Polyester 10 $\mu\text{m}$	EN 14782:2006, Section 4.8

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, 13.01.2015