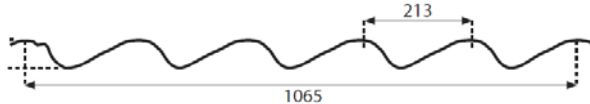


Declaration of performance

1. Reference number: 1.05.14:Harmoniplus 48R.1065

2. Product: Steel profile (S280 GD)

TYPE: Harmoniplus 48R.1065



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

4. Manufacturer: Tata Steel, Handelsvägen 4, Box 4003, S-30230 Halmstad

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

System 3

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

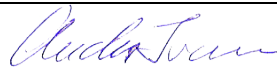
System 4

System 4 has been used for constancy of other characteristics.

9. Declared performance

Main characteristic	Performance	Harmonised technical specification
Resistance to concentrated force	Load capacity of 1.33 kN; passed, in a span of 0.35 m	EN 14782:2006, Section 4.3
Sheet thickness	0,5-0,6 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: $12 * 10^{-6} K^{-1}$	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 µm	EN 14782:2006, Section 4.3
	Coating: Side B: Polyester 10 µm	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, Sweden, 08.10.2015