

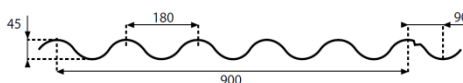
Declaration of performance

1. Reference number: 13.05.18:45R.900

2. Product: Steel profile (S280 GD)

TYPE: Sinus 45R.900

Tag 45R.900



Intended use: Self-supporting Sinus steel profiles for roofing EN 14782:2006

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

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	Exceeds the load carrying requirements with respect to concentrated force	EN 14782:2006, Section 4.3
Sheet thickness	0,5-0,7 mm Colorcoat Prisma	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	Meets the requirements w.o. The need for testing, in accordance w. European Commission Decision 2000/553/EEC	EN 14782:2006, Section 4.9
Reaction to fire	A1	EN 14782:2006, Section 4.10 EN 13501-1:2007 + A1:2009
Durability	Coating: Side A: Polyester 50 μm	EN 14782:2006, Section 4.3
	Coating: Side B: Polyester 10 μm	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, 23.10.2015