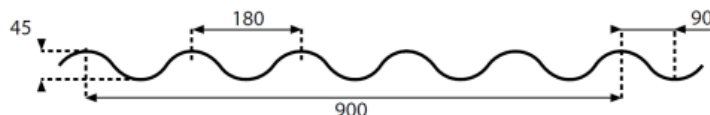


Declaration of performance

1. Reference number: 13.05.19:45W.900

2. Product: Steel profile (S280 GD)

TYPE: Sinus 45W.900



Intended use: Self-supporting Sinus steel profile for walls 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 | 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 |

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, 23.10.2015