

## Declaration of Performance



## 33.54.2:U-purlins UK version

|                             |   |
|-----------------------------|---|
| Product/item/serial number: | U-purlins galvanized: 100, 120, 150, 200, 250, 300  |
| Intended Use:               | Purlins for roof and wall profiles  |
| Manufacturer:               | Tata Steel Sweden Byggsystem AB<br>Handelsvägen 4, Box 4003, SE-30230 Halmstad,<br>Sweden 3 |
| Verification of constancy   | 2+  |
| Notified Body:              | AAA Certification AB<br>Göteborgsvägen 16H<br>SE-441 43 Alingsås<br>Sweden                  |
| Notified Body No.:          | 2296  |

AAA Certification AB has performed (i) the first audit pursuant to 2+ inspection of factory, initial type testing and production inspection of the FPC system. Verification to CPR and EN 1090-1:2009+A1:2011 follows AC procedure 2+, Annex III.2 (ii).

| Essential characteristics                 | Performance                                     | Harmonised standard    |
|---|---|------------------------|
| Component products                        | S350GD: 1,25/1,5/2,0/2,5/3,0 mm                 | EN 1090-1:2009+A1:2011 |
| Tolerances for dimensions and shape       | EN 1090-2:                                      | EN 1090-1:2009+A1:2011 |
| Weldability                               | NPD   | EN 1090-1:2009+A1:2011 |
| Fracture toughness                        | NPD   | EN 1090-1:2009+A1:2011 |
| Load carrying capacity                    | According to Span table<br>Technical data sheet | EN 1090-1:2009+A1:2011 |
| Geometric data                            | Span table<br>Technical data sheet              | EN 1090-1:2009+A1:2011 |
| Fatigue Strength                          | NPD   | EN 1090-1:2009+A1:2011 |
| Fire Resistance                           | A1  | EN 1090-1:2009+A1:2011 |
| Deformation in serviceability limit state | Span table<br>Technical data sheet              | EN 1090-1:2009+A1:2011 |
| Reaction to fire                          | A1  | EN 1090-1:2009+A1:2011 |
| Hazardous substances                      | NPD   | EN 1090-1:2009+A1:2011 |
| Impact strength                           | NPD   | EN 1090-1:2009+A1:2011 |
| Stability                                 | Z275MA  | EN 1090-1:2009+A1:2011 |

The performance of the product identified above is in conformity with the declared performance identified in the table above. This declaration of performance is issued under the sole responsibility of Tata Steel Sweden Byggsystem AB.

*Eberhart* 4/11-2014  
( Place and date )

( Signature )