



## EC Declaration of Conformity

No. 02/05/210101

1. Unique identification code of the product type:

**Trimapanel**

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

**Trimapanel, 120mm, 0.34 Liner**

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

**Self-supporting steel insulated panel to be used for external wall coverings**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

**Tata Steel, Shotton Works, Deeside, Flintshire, CH5 2NH**

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

**AVCP 3 & AVCP 1 (reaction to fire)**

6. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

**EN 14509:2013**

**Element** performed **Reaction to Fire Testing** under system AVCP 1

The performance of the product identified in points 1 and 2 is in conformity with the declared performance attach on the next page. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

**Signed for and on behalf of the manufacturer by:**

**David Phillips**

(name)

**Technical Manager - Building Systems UK**

(function)

(Signature)

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(Date of issue)



UIC: 02/05/130628

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2821-CPR-BD0001  
EN 14509-2013

Self-supporting steel insulated panel to be used for external wall coverings

Reference: **Trimapanel**, Insulation: PIR, Mass: 13.97 kg/m<sup>2</sup>, Facings: Steel 0.675 mm external: 0.34mm internal. External Coating: Colorcoat Prisma (50 microns) HPS200 Ultra (200 microns), Internal Coating PE15 polyester (15 microns). External Grade: S220+ZA255 (EN 10326), Internal Grade: S220+ZA80 (EN 10326)

**Use: Walls**

Insulation:

|   |                                       |            |
|---|---------------------------------------|------------|
| - type                                    | PIR                                   |            |
| - density                                 | 40Kg/m <sup>3</sup>                   | EN 1602    |
| - thickness                               | 120mm                                 |            |
| Thermal transmittance:                    | 0.17 W/m <sup>2</sup> K.              | EN 13165   |
| Tensile strength                          | 0.039 MPa                             | EN 1609    |
| Shear strength                            | 0.102 MPa                             | EN 14509   |
| Shear modulus (core)                      | 2.65 MPa                              | EN 14509   |
| Compressive strength (core)               | 0.137 MPa                             | EN 826     |
| Wrinkling strength (external face)        |                                       | EN 14509   |
| - in span                                 | 185 Mpa                               |            |
| - in span, elevated temperature           | 176 Mpa                               |            |
| - at central support                      | 145 MPa                               |            |
| - at central support elevated temperature | 138 MPa                               |            |
| Wrinkling strength (internal face)        |                                       | EN 14509   |
| - in span                                 | 105 Mpa                               |            |
| - at central support                      | 100 MPa                               |            |
| Reaction to fire                          | B-s2,d0                               | EN 13501-1 |
| Fire Resistance                           | NPD                                   | EN 13501-2 |
| Water permeability                        | Class B                               | EN 12865   |
| Air permeability                          | 0.48 m <sup>3</sup> /h/m <sup>2</sup> | EN 12114   |
| Water vapour permeability                 | Impermeable                           |            |