



## EC Declaration of Conformity

No. 03/04/130628

1. Unique identification code of the product type:

**Trisomet 333**

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

**Trisomet 333, 100mm**

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**

**Warrington Fire Certification** performed **Reaction to Fire Testing** under system AVCP 1 and was issued on the 15/12/11

The performance of the product identified in points 1 and 2 is in conformity with the declared performance attached 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)

June 21, 2013

(Date of issue)



UIC: 03/04/130628

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EN 14509

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

Reference: **Trisomet 333**, Insulation: PIR, Mass: 11.22 kg/m<sup>2</sup>, Facings: Steel 0.48 mm external: 0.34mm internal. External Coating: Colorcoat Prisma (50 microns), HPS200 Ultra (200 microns), Colorcoat LG (200 microns), Internal Coating PE15 polyester (15 microns). External Grade: S220+ZA255 (EN 10326), Internal Grade: S220+ZA80 (EN 10326)

**Use: Roof & Walls**

Insulation:

- type
- density
- thickness

PIR

39Kg/m<sup>3</sup>

100mm

EN 1602

Thermal transmittance:

0.20 W/m<sup>2</sup>K.

EN 13165

Tensile strength

0.039 MPa

EN 1609

Shear strength

0.100 MPa

EN 14509

Shear modulus (core)

2.27 MPa

EN 14509

Compressive strength (core)

0.114 MPa

EN 826

Wrinkling strength (external face)

EN 14509

- in span

95 Mpa

- in span, elevated temperature

90 Mpa

- at central support

90 MPa

- at central support elevated temperature

90 MPa

Wrinkling strength (internal face)

EN 14509

- in span

95 Mpa

- at central support

90 MPa

Reaction to fire

B-s2,d0

EN 13501-1

Fire Resistance

NPD

EN 13501-2

Water permeability

Class B

EN 12865

Air permeability

0.43 m<sup>3</sup>/h/m<sup>2</sup>

EN 12114

Water vapour permeability

Impermeable