



## EC Declaration of Conformity

No. 03/06/210101

1. Unique identification code of the product type:

**Trisomet**

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

**Trisomet 135**

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 and roof 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: 03/06/130628

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2821-CPR-BD0001

EN 14509-2013

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

Reference: **Trisomet 333**, Insulation: PIR, Mass: 12.78 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	PIR	
- density	39Kg/m <sup>3</sup>	EN 1602
- thickness	135mm	
Thermal transmittance:	0.15 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	