

## DECLARATION OF PERFORMANCE

No. UKSI-13950-003

1. Unique identification code of the product-type:  
**Gypsum plasterboard thermal insulation composite panel**
2. Type, batch or serial number or any other element allowing identification of the construction product in accordance with Article 11 (4):  
**GTEC Thermal PIR Board**
3. Intended use:  
**General building construction**
4. Trade name and contact address of the manufacturer in accordance with Article 11 (5):  
**Siniat, Marsh Lane, Easton-in-Gordano, Bristol, BS20 0NF, UK**
5. Not applicable.
6. System or systems of assessment and verification of constancy of performance:  
**Systems 3 and 4**
7. Performance concerning a construction product covered by a harmonised standard:  
Notified Body **BRE (NB 0832)**  
Performed **Reaction to Fire testing and classification**  
Under **System 3**
8. Not applicable.
9. Declared performance:

Essential characteristics	Performance		Harmonised Technical Specification
Flexural strength	Transverse direction: ≥210N	Longitudinal direction: ≥550N	EN 520:2004+A1:2009
Shear Strength	NPD		
Reaction to Fire	Euroclass B-s1,d0		EN 13501-1:2007+A1:2009
Airborne Sound Insulation	see literature		
Acoustic Absorption	see literature		
Water vapour permeability (μ)			EN 13950:2005
GTEC Thermal PIR 37.5mm	533		
GTEC Thermal PIR 50.5mm	396		
GTEC Thermal PIR 62.5mm	320		
GTEC Thermal PIR 72.5mm	276		
GTEC Thermal PIR 82.5mm	242		
Thermal resistance			EN 13950:2005
GTEC Thermal PIR 37.5mm	1.20 m <sup>2</sup> .K/W		
GTEC Thermal PIR 50.5mm	1.79 m <sup>2</sup> .K/W		
GTEC Thermal PIR 62.5mm	2.34 m <sup>2</sup> .K/W		
GTEC Thermal PIR 72.5mm	2.79 m <sup>2</sup> .K/W		
GTEC Thermal PIR 82.5mm	3.25 m <sup>2</sup> .K/W		
Impact Resistance	see literature		

10. The performance of the product referred to in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration is issued under the sole responsibility of the manufacturer specified in point 4.

Signed for and on behalf of Siniat Limited by



Jean-Michel Desmoutier, Managing Director  
01/07/2013