

EC Declaration of Conformity



1.	Name and address of the manufacturer	Lignacite Ltd. High Street, Brandon, Suffolk IP27 0AX
2.	Manufacturing plants:	Brandon, Suffolk and Nazeing, Essex
3.	Description of the product:	Lignacite, Lignacite GP, Lignacite SP (all grades) 3.6, 7.3, 10.4N/mm ² .
4.	Intended use	Aggregate masonry units for which the principal intended applications are use in loadbearing and non-loadbearing walls, including cavity, single leaf and partitions, and for general use below ground.
5.	Systems or systems of assessment and verification of consistency of performance	2+
6.	Name and address of notified certification body and factory production control certificate	BSI Group, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes, MK5 8PP. The number of the Factory Production Control certificate is 0086-CPD-599721.
7.	Provisions to which the product conforms	EN 771 Specification for Masonry Units - Part 3: Aggregate concrete masonry units (dense and light-weight aggregates).
8.	Declared Performance	Shown in Table 1

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Table 1 – Declared Performance

Characteristic	Performance declaration
Dimensional Tolerances:	Category : D1
	Flatness: NPD
	Parallelism: NPD
Configuration: Lignacite Lignacite GP and SP	Group 1 - solid units, Group 2 - cellular and hollow units Group 1 - solid units
Mean Compressive Strength: Lignacite Lignacite GP and SP	3.6, 7.3, 10.4N/mm ² 3.6, 7.3N/mm ²
Moisture movement:	<0.8mm/m
Shear bond strength:	Fixed value 0.15N/mm ²
Flexural bond strength:	NPD
Reaction to fire:	Euroclass A1
Water absorption:	NPD
Water vapour diffusion coefficient:	Fixed value 5/15
Gross density: Lignacite (all strengths) Lignacite GP (all strengths) Lignacite SP (all strengths)	1570kg/m ³ 1450kg/m ³ 1450kg/m ³
Thermal conductivity : Lignacite (all strengths) : Lignacite GP (all strengths) : Lignacite SP (all strengths) :	0.90W/mK ($\lambda_{10,dry}$) 0.79W/mK ($\lambda_{10,dry}$) 0.79W/mK ($\lambda_{10,dry}$)
Durability against freeze-thaw:	See Lignacite Product Data
Dangerous substances	No performance declared

The performance of Lignacrete blocks has described in Point 3) corresponds to the declared performance specified in Table 1.

This Declaration of Performance was issued under the sole responsibility of the manufacturer noted in Point 1.

Signed on behalf of Lignacite Ltd by:

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Allan Eastwood, Managing Director

24th November 2015