

## EC Declaration of Conformity



1.	<b>Name and address of the manufacturer</b>	Lignacite Ltd. High Street, Brandon, Suffolk IP27 0AX
2.	<b>Manufacturing plants:</b>	Brandon, Suffolk and Nazeing, Essex
3.	<b>Description of the product:</b>	Fibo 850 3.6N/mm <sup>2</sup>
4.	<b>Intended use</b>	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.	<b>Systems or systems of assessment and verification of consistency of performance</b>	2+
6.	<b>Name and address of notified certification body and factory production control certificate</b>	BSI Group, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes, MK5 8PP. The number of the Factory Production Control certificate is 0086-CPD-599721.
7.	<b>Provisions to which the product conforms</b>	EN 771 Specification for Masonry Units - Part 3: Aggregate concrete masonry units (dense and light-weight aggregates).
8.	<b>Declared Performance</b>	Shown in Table 1

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Table 1 – Declared Performance

Characteristic	Performance declaration
Dimensional Tolerances:	Category : D1
	Flatness: NPD
	Parallelism: NPD
Configuration:	Group 1 – solid units
Mean Compressive Strength:	3.6N/mm <sup>2</sup>
Moisture movement:	<0.6mm/m
Shear bond strength:	Fixed value 0.15N/mm <sup>2</sup>
Flexural bond strength:	NPD
Reaction to fire:	Euroclass A1
Water absorption:	NPD
Water vapour diffusion coefficient:	Fixed value 5/15
Gross density:	850kg/m <sup>3</sup>
Thermal conductivity:	0.25W/mK ( $\lambda_{10,dry}$ )
Durability against freeze-thaw:	See Fibo 850 Product Data
Dangerous substances	No performance declared

The performance of Fibo 850 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:

*Allan Eastwood*

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**Allan Eastwood, Managing Director**

**24<sup>th</sup> November 2015**