

DECLARATION OF PERFORMANCE

- 1 **Unique identification code of the product type:** Lignacite Eco 50 7.3N 100
- 2 **Intended use/es:** Load bearing and non-load bearing walls and floors
- 3 **Manufacturer** Lignacite Ltd,
Norfolk House, High Street
Brandon, Suffolk,
IP27 0AX
- 4 **Authorised Representative:** Not Applicable
- 5 **System's of AVCP:** System 2+
- 6 **Designated Standard:** BS EN 771-3:2011+A1:2015
Approved Body: BSI
Approved Body Number: 0086
- 7 **Declared Performances:**

Essential Characteristics		Performance
Dimensions:	Length (mm)	440
	Width (mm)	100
	Height (mm)	215
	Tolerance Category	D1
Configuration		Group 1
Compressive Strength	Mean Strength (N/mm ²)	7.3
	Direction of Load	Perpendicular to the bed face
	Unit Category	Category I
Moisture Movement (mm/m)		<0.7
Shear Bond Strength (N/mm ²)		0.15 (Tabulated Value)
Flexural Bond Strength (N/mm ²)		No Performance Determined
Reaction To Fire		Euroclass A1
Water Absorption by Capillarity		No Performance Determined
Water Vapour Permeability (μ)		5/15
Direct Airborne Sound Insulation	Gross Density (kg/m ³)	1570
	Configuration: Dimension and Tolerances	Group 1
Thermal Conductivity W/mK ($\lambda_{10,dry}$)		0.80
Thermal Resistance m ² K/W		0.12
Durability Against Freeze-Thaw		Frost Resistant (Refer to Product Data Sheet)
Dangerous Substances		No Performance Determined

The performance of the product identified above is in conformity with the declared performance/s. This declaration of performance is issued in accordance with Regulation (EU) No. 305/2011 *[as it has effect in the United Kingdom in respect of Great Britain]*, under the sole responsibility of the manufacturer.

Signed on behalf of Lignacite Ltd.		Date:	11/07/2025
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Marvyn Candler / SHEQ Manager
Brandon, Suffolk, UK