



## DECLARATION OF PERFORMANCE

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| <b>1 Unique identification code of the product type:</b> | Lignacite Standard 3.6N 140   |
| <b>2 Intended use/es:</b>                                | Load bearing and non-load bearing walls and floors                            |
| <b>3 Manufacturer</b>                                    | Lignacite Ltd,<br>Norfolk House, High Street<br>Brandon, Suffolk,<br>IP27 0AX |
| <b>4 Authorised Representative:</b>                      | Not Applicable  |
| <b>5 System's of AVCP:</b>                               | System 2+   |
| <b>6 Designated Standard:</b>                            | BS EN 771-3:2011+A1:2015<br>Approved Body: BSI<br>Approved Body Number: 0086  |
| <b>7 Declared Performances:</b>                          |   |

Essential Characteristics		Performance
Dimensions:	Length (mm)	440
	Width (mm)	140
	Height (mm)	215
	Tolerance Category	D1
Configuration		Group 1
Compressive Strength	Mean Strength (N/mm <sup>2</sup> )	3.6
	Direction of Load	Perpendicular to the bed face
	Unit Category	Category I
Moisture Movement (mm/m)		<0.7
Shear Bond Strength (N/mm <sup>2</sup> )		0.15 (Tabulated Value)
Flexural Bond Strength (N/mm <sup>2</sup> )		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 <sup>3</sup> )	1450
	Configuration: Dimension and Tolerances	Group 1
Thermal Conductivity W/mK (λ <sub>10,dry</sub> )		0.79
Thermal Resistance m <sup>2</sup> K/W		0.17722
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.		<b>Date:</b>	11/07/2025
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**Marvyn Candler / SHEQ Manager**  
Brandon, Suffolk, UK