

**Declaration of Performance**

**Optilyte Masonry Unit**

1. Product Type: **100 & 140mm Solid Optilyte 3.6N/mm<sup>2</sup>**
2. Identification: **Solid Optilyte**
3. Intended use: **in walls, columns and partitions**
4. Manufacturer: **Interfuse Limited, 80 High Street, Syston. LE7 1GS**

**Tel: 0116 2609666 e-mail: iancollard@interfuseblocks.com**

5. AVCP: **System 4**
6. ETA: **Not Relevant**
7. Declaration of Performance.

Essential Characteristics		Performance	Designated Standard
<b>Dimensions</b>	Length	440mm	BS EN 771-3:2011
	Width	100mm & 140mm	
	Height	215mm	
	Tolerance category	D1	
	Shape and features	NPD	
	Group according to EN1996-1-1 (EC6)	Group 1	
<b>Compressive strength</b>	Mean comp' strength	3.6N/mm <sup>2</sup>	
	Direction of load	Perpendicular to bed face	
	Unit category	Category II	
<b>Dimensional stability</b>		<0.5m/mm	
<b>Bond strength</b>	Shear bond strength	0.15N/mm <sup>2</sup>	
	Flexural bond strength	NPD	
<b>Reaction to fire</b>		Euro Class A1	
<b>Water absorption</b>		NPD	
<b>Water vapour permeability</b>		5/15 (tabulated value)	
<b>Gross Dry Density</b>		650kg/m <sup>3</sup>	
<b>Thermal resistance</b>		0.18 λ10, dry, unit (tabulated value)	
<b>Durability against freeze/thaw</b>		Not to be left exposed	
<b>Dangerous substances</b>		NPD	

This declaration of performance is issued under the sole responsibility of the manufacturer identified in 4.  
Signed on behalf of Interfuse Ltd:



**D Jelley**  
**Managing Director**  
Interfuse 2024