# Declaration of Performance No. G8/01

Unique identification code of the product-type:
**Type G8 Prestressed Lintel (145x215)**

Intended use or uses of the construction product, in accordance with the applicable Designated technical specification, as foreseen by the manufacturer:
**Prestressed Lintel to be used in walls and partitions**

Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):
**Robeslee Concrete, Southbank Rd, Kirkintilloch, Glasgow, G66 1UB**

System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:
**System 3**

Declaration of performance concerning covered by a Designated standard:
**BS EN 845-2:2003**
**CERAM, Queens Rd, Penkhull, Stoke-on-Trent, ST4 7LQ ( Notified Body No : 1289 ) - 8.2 Intial Type Testing**

<table>
<tr><th>Essential characteristics</th><th>Performance</th><th>Designated technical specification</th></tr>
<tr><td>Load Bearing Capacity</td><td>
<table>
<tr><th>Lintel Lenght (mm)</th><th>Load at Deflection Effective Span/325 (kN)</th></tr>
<tr><td>900</td><td>86.19</td></tr>
<tr><td>1200</td><td>83.33</td></tr>
<tr><td>1500</td><td>80.48</td></tr>
<tr><td>1800</td><td>77.63</td></tr>
<tr><td>2100</td><td>74.78</td></tr>
<tr><td>2400</td><td>71.92</td></tr>
<tr><td>2700</td><td>69.07</td></tr>
<tr><td>3000</td><td>66.22</td></tr>
<tr><td>3300</td><td>63.36</td></tr>
<tr><td>3600</td><td>60.50</td></tr>
</table>
</td><td rowspan="10">EN 845-2:2003</td></tr>
<tr><td>Water Absorption</td><td>NPD</td></tr>
<tr><td>Water Vapour Permeabilty</td><td>NPD</td></tr>
<tr><td>Direct Airborne Sound Insulation</td><td>72 kg/m²</td></tr>
<tr><td>Thermal Resistance</td><td>1.72 W/(m·K)</td></tr>
<tr><td>Water absorption</td><td>NPD</td></tr>
<tr><td>Reistance to Fire</td><td>R 30</td></tr>
<tr><td>Durabilty of performace (against corrosion)</td><td>Material/Coating Refernce C Number 2</td></tr>
<tr><td>Dangerous Substance</td><td>NPD</td></tr>
</table>

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. This declaration of conformance is issued, in accordance with Regulation (EU) No 305/2011, as it has effect in the United Kingdom under the sole responsibility of the manufacturer identified above.

**Issued By:** Steven Black (Operations Manager) **Date:**06/04/2021 **Place**: Southbank Rd, Glasgow,G66 1UB

Steven Black