



# NON COMPOSITE LINTELS (TYPE U<sub>2</sub>-145mm)



**Declaration of Performance No. U2/145/01**

Unique identification code of the product-type:

**Type U2 Prestressed Lintel (145x100)**

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 Initial Type Testing**

Essential characteristics	Performance		Designated technical specification
Load Bearing Capacity	Lintel Length (mm)	Load at Deflection Effective Span/325 (kN)	EN 845-2:2003
	900	43.41	
	1200	30.60	
	1500	24.70	
	1800	21.37	
	2100	19.27	
	2400	17.83	
	2700	16.78	
	3000	16.00	
	3300	15.38	
3600	14.89		
Water Absorption	NPD		
Water Vapour Permeability	NPD		
Direct Airborne Sound Insulation	37 kg/m <sup>2</sup>		
Thermal Resistance	1.72 W/(m·K)		
Water absorption	NPD		
Resistance to Fire	R 30		
Durability of performance (against corrosion)	Material/Coating Reference C Number 2		
Dangerous Substance	NPD		

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*

T : 0141 775 2677 E : info@robesslee.co.uk