

# UK Declaration of Performance

## Walraven Phenblox®

DoP No. 23/Phenblox-80-120

In accordance with BS EN 14314:2015

**1. Unique identification code of the product-type:**

Walraven Phenblox® 80kg, 120kg

**2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):**

Each block has a unique identification label where the production batch number is detailed alongside the block size and thickness. The production batch number is fully traceable in accordance with the FPC.

**3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:**

Thermal insulation for building equipment and industrial installations

**4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):**

Walraven Ltd. 18 Wildmere Road, Wildmere Industrial Estate, Banbury, OXON, OX16 3JU. United Kingdom

**5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):**

n/a

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

System 3

**7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:**

EFECTIS UK/Ireland Limited, EFECTIS France and Forschungsinstitut für Wärmeschutz e.V. München performed third party activities under AVCP system 3 and issued documents G2-22-1743-08, G2-22-1743-10, G2-23-1615-02, G2-23-1615-04, L2-05/23, M-22,1743-11, EUI-22-000615, EUI-22-SBI-000615 according to harmonised standard BS EN 14314:2015

**8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:**


n/a

## 9. Declared performance

Essential Characteristic	Performance	Harmonized Technical Specification
Thermal Conductivity (cylindrical test specimen)	$\lambda$ -50°C = 0,031 W/(m·K)	BS EN 14314:2015 EN ISO 8497
	$\lambda$ -30°C = 0,033 W/(m·K)	
	$\lambda$ -20°C = 0,034 W/(m·K)	
	$\lambda$ -10°C = 0,035 W/(m·K)	
	$\lambda$ 0°C = 0,036 W/(m·K)	
	$\lambda$ 10°C = 0,037 W/(m·K)	
	$\lambda$ 20°C = 0,038 W/(m·K)	
	$\lambda$ 40°C = 0,031 W/(m·K)	
	$\lambda$ 50°C = 0,042 W/(m·K)	
	$\lambda$ 70°C = 0,044 W/(m·K)	
Dimensions and tolerances	dD ≥ 15 mm Di = 111 - 273 mm	BS EN 14314:2015
Reaction to fire	BL-s1 d0	BS EN 14314:2015
Durability of thermal resistance against ageing/degradation	Minimum Service Temperature ST(-) -50 (= -50°C)	BS EN 14314:2015
Durability of thermal resistance against high temperature	Maximum service temperature ST(+) 110 (= 110°C)	BS EN 14314:2015
Durability of reaction to fire against ageing/degradation	BL-s1 d0	BS EN 14314:2015
Durability of reaction to fire against high temperature	BL-s1 d0	BS EN 14314:2015
Compressive strength	NPD	BS EN 14314:2015
Water permeability	NPD	BS EN 14314:2015
Water vapour permeability	NPD	BS EN 14314:2015
Release of corrosive substances	NPD	BS EN 14314:2015
Release of dangerous substances	NPD	BS EN 14314:2015
Continuous glowing combustion	NPD	BS EN 14314:2015

10. 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. Signed for and on behalf of the manufacturer by:

**Tracey Williams**  
Director  
Walraven Ltd.



**Signature**

**Date 27.02.2024**