Declaration of performance, DoP

DoP number: Maart2023Linssen BS UK

Producttype : BS UK	**Productname : BS UK**
4017.4	
4021.4	**Rolduc**
4037.4	**Gothik**
4048.4	**Gaia**
4049.4	**Nebrah**
4070.4	
4078.4	**Cranenweijer**
4087.4	
4088.4	**Eurrood**

3. Intended use: HD units for use in unprotected masonry walls, columns and partititions
4. Manufacturer: Steenfabriek Linssen BV, Drievogelstraat 80, 6462 GN Kerkrade, Netherlands
6. System of assessment and verification of performance : 2+
7. Notified body : IKOB-BKB No NB 0957 performed under system 2+ the initial inspection of the manufacturing plant and of the factory production control, performed the continuous surveillance, assessment and evaluation of the factory production control and issued the certificate of conformity of the factory production control . IKOB 0957-CPR 0612
9. Declaration of performance :

HD masonrybricks Category I, according EN 771-1	
Producttype WF according tabel 1. productspecifications	
Essential characteristics	**Performance** /harmonised technical specs.
Length **Width** **Height**	213 mm 101 mm 64 mm
Sizes and tollerances: ▪ **Dimensional tolerances** ▪ **Range category**	 Class T1 (6 mm; 4 mm; 3 mm) Class R1 (9mm; 6 mm, 4 mm)
Flatness of bed faces:	NPD
Parallelism of bed faces	NPD
Gross dry density:	1725 kg/m^3, D1
Net dry density:	1900 kg/m^3, D1
Density tolerance	NPD / NPD %
Total volume of frogs	≤ 25%
Mean compressive strength:	35 N/mm^2
Normalized compressive strength:	NPD N/mm^2
Compressive strength perpandicular to header:	NPD N/mm^2
Bond strength:	0.15 N/mm^2 for masonry and 0.30 N/mm^2 for gluing
Thermal conductivity λ10,dry bricks	NPD W/m*K
Watervapour permeability μ	50/100 (according EN 1745;2012)
Durability against freeze thaw-resistance:	F2, class C
Water absorption:	≤ 12 %m/m
Initial rate of waterabsorption:	1.5 – 4.0 kg/m^2.min (IW3)
Dimensional stability:	NPD
Active soluble salts:	S2
Reaction to fire:	A1
Dangerous substances:	Passed NL-BSB

10. The performance of the product are according to the above stated specifications.
This declaration of Performance is issued under the sole responsibility of the manufacturer identified in point 4.

Naam ondertekenaar: M.G.P. Lemmen
Functie: Directeur
Datum: 09-03-2023

Handtekening: