

# Declaration of performance, DoP

## DoP number: Oktober2020LinssenWDF UK

Producttype : WDF	Productname WDF
4021.5	Ashwell Multi
4037.5	Beaumont Medium Multi
4048.5	Chalfont Blend
4049.5	Old York Multi
4075.5	Chipperfield Multi
4084.5	Chartley Light Red Sintered
4087.5	Buckland Light Red Multi
4088.5	Hartford Multi

**3. Intended use:** HD units for use in unprotected masonry walls, columns and partitions

**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	212 mm
Width	102 mm
Height	64 mm
<b>Sizes and tolerances:</b>	
▪ Dimensional tolerances	Class T1 (6 mm; 4 mm; 3 mm)
▪ Range category	Class Rm (12mm; 8 mm, 6 mm)
<b>Flatness of bed faces:</b>	NPD
<b>Parallelism of bed faces</b>	NPD
<b>Gross dry density:</b>	1725 kg/m <sup>3</sup> , D1
<b>Net dry density:</b>	1900 kg/m <sup>3</sup> , D1
<b>Density tolerance</b>	NPD / NPD %
<b>Total volume of frogs</b>	≤ 25%
<b>Mean compressive strength:</b>	35 N/mm <sup>2</sup>
<b>Normalized compressive strength:</b>	NPD N/mm <sup>2</sup>
<b>Compressive strength perpendicular to header:</b>	NPD N/mm <sup>2</sup>
<b>Bond strength:</b>	0.15 N/mm <sup>2</sup> for masonry and 0.30 N/mm <sup>2</sup> for gluing
<b>Thermal conductivity λ10,dry bricks</b>	NPD W/m*K
<b>Watervapour permeability μ</b>	50/100 ( according EN 1745;2012)
<b>Durability against freeze thaw-resistance:</b>	F2, class C
<b>Water absorption:</b>	≤ 10 %m/m
<b>Initial rate of waterabsorption:</b>	1.5 – 4.0 kg/m <sup>2</sup> .min (IW3)
<b>Dimensional stability:</b>	NPD
<b>Active soluble salts:</b>	S2
<b>Reaction to fire:</b>	A1
<b>Dangerous substances:</b>	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: 05-10-2020

Signature: