

Declaration of performance

Number: 2014-004
Rijswaard facing brick




(4) Manufacturer:	
Steenfabriek De Rijswaard B.V. De Rijswaard 2 NL-5308 LV AALST	Tel: +31 (0)418 - 55 22 21 Fax: +31 (0)418 - 55 29 00 www.rijswaard.nl
(1) Unique identification code of the product- type	Sterrewaard
(2) Typenumber	390221011 Gemini HV EF
(3) Intended use or uses of the construction product/bouwproduct	Units for use in unprotected masonry walls, columns and partitions.
(6) System or systems of assessment and verification of constancy of performance of the construction product	2+
(7) Notified body	Notified Body KIWA 0620-CPD 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.

(9) Declared performance:			
Dimensions	EF 215x100x65		U Metselbaksteen, Categorie I volgens EN771- 1:2011 + A1:2015
Length	215	mm	
Width	104	mm	
Height	65	mm	
Dimensional tolerance	T2		
Range category	R1		
Flatness of bed faces	NPD		
Parallellisme legvlakken	NPD		
Gross dry density	1700	kg/m ³	
Net dry density	NPD	kg/m ³	
Tolerance Volumetric Mass: Class / %	DM ±15	%	
Total volume frog	<20%		
Group Eurocode	1		
Mean compressive strength	≥ 15	N/mm ²	
Normalised compressive strength	≥ 15	N/mm ²	
Bond strength	0.15 / 0.30		
Thermal conductivity	50/50: 0.54 / 90/90: 0.56		W/mK
Water vapour permeability	5/10		EN 1745:2012
[Durability : freeze/thaw resistance]	F2		
Water absorption	≤ 12 %	m/md	
Initial rate of water absorption	1.5 - 4.0	kg/(m ² min)	
Active soluble salt content	S2		
[Dimensional stability: Moisture movement]	NPD		mm/m
Dangerous substances	Voldoet		NL-BBK
Reaction to fire	A1		

(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

Atse Blei General Management



Aalst (NL) 24-Oct-2024