



Declaration of Performance				
DOP-ENGELS-003-20-16059609			www.baksteen.nl	
Product-code:	16059609		Steenfabriek Engels Helden B.V. Steenstraat 8 b 5981 AE Panningen Nederland	
Product-type:	canyon waalformaat			
			GB	
			Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: HD units for use in unprotected masonry walls, columns and partitions.	NEN EN 771-1 : 2011 A1: 2015
			System of assessment and verification of constancy of performance of the construction product	2+
			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 .	0957-CPR-0607
			configuration: Solid brick (soft mud)	
			Declared performance	EN 771-1:2011
			Dimensions	209 x 101 x 51 mm
			Tolerances	T2 4 x 3 x 2 mm
			Range	R1 9 x 6 x 4 mm
			flatness of bed faces	NPD
			parallelism of bed faces	NPD
			Gross dry density	1635 kg/m3
			Net dry density	NPD kg/m3
			Density tolerances	D1 +/- 10 %
			Volume of frogs	3 %
			Group of the unit	2
			Compressive strength * perpendicular to bed faces	
			* mean	17,5
			* normalized	12,5
			Category	I
			Bond strength	NPD N/mm2
			Thermal conductivity	0,49 W/m.K EN 1745
			Water vapour permeability	50/100 EN 1745
			Direct airborne sound insulation	NPD
			Freeze/thaw resistance	F2 (F2/D)
			Water absorption	10 %
			Initial rate of water absorption:	1,0 - 5,0 kg/m2.min (IW3)
			Active soluble salts content	S2
			Moisture movement	NPD mm/m
			Dangerous substances	passed NL-BBk
			Reaction to fire	A1
			The performance of the product identified is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer.	 J. Engels, COO
			Signed for and on behalf of the manufacturer by:	