



Declaration of Performance						
DOP-ENGELS-003-20-16059299			www.baksteen.nl			
Product-code: 16059299			Steenfabriek Engels Helden B.V. Steenstraat 8 b 5981 AE Panningen Nederland			
Product-type: Camarque Carrera 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)			
			<b>Declared performance</b>		<b>EN 771-1:2011</b>	
			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:			