


DECLARATION OF PERFORMANCE		31000273	Page 1/2
1.	Unique identification code of the product-type:	Ytong 3,6 Standard Block	
2.	Type-, batch- or serial number or other marking for the identification of the construction product in accordance with Article 11 paragraph 4:	NL044054640006461 NL074054640006461	
3.	Intended use or uses defined by the manufacturer of the construction product in accordance with the applicable technical specification:	Factory made autoclaved aerated concrete blocks, category I, for uses in load bearing and non-load bearing mortar c.q. thin layer mortar masonry constructions.	
4.	Name, registered trade name or trade mark and contact address of the manufacturer in accordance with Article 11, paragraph 5:	Xella Nederland bv Mildijk 141 4214 DR, Vuren Nederland	
5.	Name and contact address of the authorised representative, who is in charge for the tasks referred to in Article 12, paragraph 2:	Xella Technologie- und Forschungsgesellschaft GmbH Hohes Steinfeld 1 D-14797 Kloster – Lehnin Duitsland	
6.	System or systems of assessment and verification of constancy of performance of the construction product in accordance with Annex V:	System 2+ on the basis of Category I in accordance with EN 771-4 (2011)	
7.	In case of the declaration of performance concerning a construction product covered by a harmonised standard:	IKOB-BKB, Ringveste 1, 3992 DD, Houten, Nederland, nr 0957 has performed the initial inspection of the manufacturing and factory production control and continuously surveys the factory production control as part of the CE-tours in accordance with System 2+ and issued the following: Certificates of conformity, Declarations of conformity	

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8.	Declared performance	Ytong 3,6 Standard Block	
	Dimensions length	440 mm	
	Dimensions width	140 mm	
	Dimensions height	215 mm	
	Shape	Right angled	
	Tolerances (length x width x height) in mm	± 3 mm, ± 2 mm, ± 2 mm	
	Category	TLMA	EN 771-4, Table 2
	Mean compressive strength of the unit	≥ 3,6 N/mm² ⊥ bed face, whole unit	EN 772-1
	Bond strength Thin-layer mortar General purpose mortar	≥ 0,30 N/mm² ≥ 0,15 N/mm²	EN 998-2 Art. 5.4.2b Annex C
	Gross dry density	475 kg/ m³	EN 772-13
	Reaction to fire	Class A1	EN 13501-1
	Water absorption	10 minutes < 190 g/(m² · s^{0,5}) 30 minutes < 160 g/(m² · s^{0,5}) 90 minutes < 130 g/(m² · s^{0,5})	EN 772-11
	Water vapour permeability	5 / 10	EN 1745 Tab A.10
	Thermal conductivity λ_{10dry} (P=50%)	≤ 0,11 W/(mK)	EN 1745 Tab A.10
	Moisture movement	≤ 0,2 mm/m	EN 680
	Durability against freeze-thaw	For use above and below ground level	
	Dangerous substances	No performance determined (NPD)	

9.	<p>The performance of the product referring to paragraph 1 and 2 correspond to the declared performance at paragraph 8.</p> <p>This declaration of performance was issued under the sole responsibility of the manufacturer specified in paragraph 4.</p> <p>Signed on behalf of the manufacturer:</p>	<p>Ruud Hermans, CTO Xella Nederland bv Vuren 01.10.2014</p> 
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