



Product name		YTONG-Energy block	
 0770 / 0957			
Xella UK Reddicap Trading Estate Sutton Coldfield B75 7B4 05 / 06 0957-CPD-0508 – factory Meppel / 0957-CPD-0509 – factory Vuren 0957-CPD-510 – factory Landgraaf / 0770-CPD-2157-12-08– factory Wedel *)			
EN 771-4			
Factory made autoclaved aerated concrete blocks, category 1, for uses in load bearing and non-load bearing masonry mortar, c.q. thin-layer mortar masonry constructions for internal or external use.			
Configuration	Product guide		
Dimensions	Product guide	EN 772-16	
Tolerances (length / height/ width)	± 3, ± 2, ± 2 mm ± 1,5, ± 1, ± 1,5 mm	Table 2 : TLMA TLMB *)	
Average normalised compressive strength (n=20, 95% confidence level)	≥ 2,9 N/mm²	EN 772-1	
Initial shear strength in combination with thin-layer mortar	≥ 0,30 N/mm²	EN 998-2, Appendix C	
Initial shear strength in combination with normal masonry mortar	≥ 0,15 N/mm²		
Dimensional stability (moisture movement)	≤ 0,2 mm/m	EN 680	
Reaction to fire	A1	EN 13501-1	
Water absorption	n.p.d.	EN 772-11	
Water vapour permeability	5 / 10	EN 1745, table A.10	
Net dry density	370 - 380 kg/m³	EN 772-13	
Thermal conductivity	$\lambda_{10,dry}$	P = 50%	0,09 W/mK EN 1745, table A.10
Durability (freeze-thaw resistance)	History has shown, that the YTONG-block has a high freeze/thaw resistance when applied in the intended place of use.		
Additional information			
Strength mark	Green		≥ 2,9 N/mm²