



CERTIFICATE OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL

20-CPR-74- (C-26/2015)

In compliance with Government decree no. 275/2013. (issued on 16th July) this certificate applies to the construction product

WYW Block Green and Optimum „brick” masonry infill unit made from polystyrene concrete by casting and subsequently processed

with elements and product performance shown in the annex as page 2/2 of this certificate and with intended use: for external and internal walls of buildings,

and produced by

WYW BLOCK Zrt.

6758 Röske, Külterület 082/38

and produced in the manufacturing plant:

WYW BLOCK Zrt.

6758 Röske, Külterület 082/38

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in chapter 3. of **National Technical Assessment no. A-37/2015 dated at 31.03.2017.** under system (2+) are applied and that

the factory production control fulfils all the prescribed requirements set out above.

This certificate was first issued on 26.10.2015. and will remain valid as long as the test methods and/or factory production control requirements included in the relevant National Technical Assessment, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

This certificate consist of 2 pages!

Issue: 3.

Dated at Szentendre, 10th July 2017.



Molnár Ágnes
Head of Certification Office
Certification Office
of ÉMI Non-profit Ltd.

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ANNEX

Elements of infill walls:

- WYW Block Green „brick” masonry unit 30 / WYW Block Green „brick” masonry unit 38
WYW Block Optimum „brick” masonry unit 30 / WYW Block Optimum „brick” masonry unit 38
(Thickness of masonry without rendering is 340 mm or 410 mm)
- PUR adhesive, type:
 - o Soudal (Click & fix, Maxi click & fix)
 - o Fischer (PUP750 B3 H, PUP750 B3 W)
- Fiberglass mesh (145 g/m²)
 - U 203/41×1,5 mm galvanized steel profile, as plinth starting profile in case of uneven surfaces
Material: DX51D+Z275 or S235+Z275

Essential characteristic		Performance of masonry system for masonry types below:			
		Green 30	Green 38	Optimum 30	Optimum 38
Compressive strenght [N/mm ²]		0,22		0,39	
Bending strenght [N/mm ²]	In case of perpendicuar load on horizontal joints	0,07		0,14	
	In case of parallel load on horizontal joints	0,02		0,03	
Shear strenght [N/mm ²]		≥0,05			
Fire resistance limit (max. height of masonry: 4000 mm)		EI 120	EI 240	EI 120	EI 240
Reaction to fire class		A2			
Laboratory weighted airborne sound insulation index (R _w (C; C _{tr}))[dB]		-	42 (-1; -3)	-	-
Heat transfer coefficient (U) [W/m ² K]		0,21*	0,18*	0,21*	0,18*
Impact resistance	against soft objects	I-IVa. category of intended use			
	against hard objects	I-II. category of intended use			

* Calculated value from 0,075 W/mK thermal conductivity coefficient

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