ÉMI ÉPÍTÉSÜGYI MINŐSÉGELLENŐRZŐ INNOVÁCIÓS NONPROFIT
KORLÁTOLT FELELŐSSÉGŰ TÁRSASÁG
MŰSZAKI IGAZGATÓSÁG
MEGFELELŐSÉGÉRTÉKELŐ KÖZPONT

275/2013. Korm.rend.
Nr.20

H-2000 Szentendre, Dózsa György út 26. Levélcím: H-2001 Szentendre, Pf : 180.
Telefon: +36 (1) 372-6100 E-mail: tanusitas@emi.hu Honlap: http://www.emi.hu

CERTIFICATE OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL

20–CPR–75– (C-26/2015)

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

Load bearing masonry system constructed of WYW Block Green and Optimum „brick" masonry units 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 up to two-storey buildings*

and produced by

WYW BLOCK Zrt.
6758 Röszke, Külterület 082/38

and produced in the manufacturing plant:

WYW BLOCK Zrt.
6758 Röszke, 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.

P.H.

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

*in accordance with the conditions given in section 1.3. of the National Technical Assessment

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ANNEX

Load bearing masonry system elements:

- WYW Block Green „brick" masonry unit 38 / WYW Block Optimum „brick" masonry unit 38
  (For external load-bearing walls, the lower two layers may be constructed from thinner – 380 mm – units)
  (Thickness of masonry without rendering is 410 mm)
- PUR adhesive, type:
  - Soudal (Click & fix, Maxi click & fix)
  - Fischer (PUP750 B3 H, PUP750 B3 W)
- Fiberglass mesh (145 g/m^2)
- U 203/41×1,5 mm galvanized steel profile, as plinth starting profile in case of uneven surfaces / Material: DX51D+Z275 or S235+Z275
- U 143/41×1,5 mm galvanized steel profile, as a ring at the top of the wall
  Material: DX51D+Z275 or S235+Z275

Essential characteristic		Performance of masonry system for masonry types below:	
		Green 38	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: 3240 mm)	external wall	REI 90*	
	internal wall	REI 90*	
	external, with reduced thickness at footing part	REI 90**	
Fire protection class	external wall	A2	
	internal wall		
	external, with reduced thickness at starting profile		
Laboratory weighted airborne sound insulation index (R_W (C; C_{tr}))[dB]		42 (-1; -3)	-
Heat transfer coefficient (U) [W/m^{2}K]		0,18***	
Impact resistance	against soft objects	I-IVa. category of intended use	
	against hard objects	I-II. category of intended use	

* Maximum value of load bearing together fire impact can be 50 kN/m.
** Maximum value of load bearing together fire impact can be 30 kN/m.
*** Calculated value from 0,075 W/mK termal conductivity coefficient

Issue: 3.
Dated at Szentendre, 10th July 2017.