

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction products Regulation or CPR), this certificate applies to the construction product:

Aggregate concrete masonry units:

- 1) vertically perforated and solid units;
- 2) vertically perforated units for interior walls and solid units for interior walls,
according to the Annex

PLACED ON THE MARKET BY

JSC „NOVOLUKOML PLANT OF EXPANDED-CLAY GRAVEL”

Krupskoye Highway 1, Novolukoml, 211162, Chashnikski District, Vitebsk Region, Republic of Belarus; Reg. No. 300015958

AND PRODUCED IN THE MANUFACTURING PLANT

JSC „NOVOLUKOML PLANT OF EXPANDED-CLAY GRAVEL” Krupskoye Highway 1, Novolukoml, 211162, Chashnikski District, Vitebsk Region, Republic of Belarus

This certificate attests that all provisions concerning the assessment and verification of constancy of performance (AVCP) described in Annex ZA of the standard

EN 771-3:2011

under system 2+ are applied and that

the factory production control is assessed to be in conformity with the applicable requirements.

This certificate was first issued on 25 July 2013 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

25 May 2016

Martins Maskavs
Certification Manager

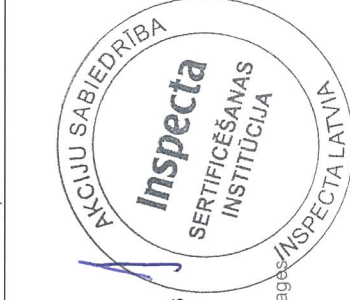


Certificate is issued on 1 (one) page
and it encloses Annex on 3 (three) pages

AS "Inspecta Latvia"
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Characteristics	Vertically perforated units														
	Designation of product														
	490 300 240	490 300 240	490 200 240	490 300 240	490 200 240	225 300 240	225 300 240	225 300 240	225 190 240	225 190 240	225 200 400	340 400 240	340 400 240	450 190 240	225 190 240
Dimensions and tolerances															
Length, mm	490	490	490	450	490	225	225	225	225	225	225	340	340	450	225
Width, mm	300	200	200	300	200	300	300	300	190	190	200	400	400	190	190
Height, mm	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240
Tolerance category	D1	D3	D1	D1	D3	D1	D1	D1	D1	D1	D1	D1	D3	D1	D1
Group	1							2							
Gross dry density, kg/m ³	650	650	650	670	650	380	650	650	480	700	700	650	650	680	680
Density tolerances, %	±10	±10	±10	±5	±10	±10	±10	±10	±10	±10	±10	±10	±10	±5	±5
Mechanical strength, Category	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Compressive strength, N/mm ²	2,0	2,0	2,0	2,0	2,0	1,5	2,0	2,0	1,5	2,0	2,0	2,0	2,0	2,0	2,0
Equivalent thermal conductivity, λ10, dry	0,18	0,18	0,18	0,18	0,18	0,10	0,17	0,17	0,12	0,19	0,19	0,18	0,18	0,18	0,18
Freezing-thawing resistance in bulk, cycles	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Moisture movement, mm/m	0,38	0,38	0,38	0,38	0,38	0,38	0,38	0,38	0,38	0,38	0,38	0,38	0,38	0,38	0,38
Water vapor permeability, coefficient	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15
Reaction to fire, class	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1
Shear bond strength, N/mm ²	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15
Dangerous substances, Bq/kg	< 2,0														



Martins Maskavs
Certification Manager

Annex issued on 3 (three) pages

Characteristics	Vertically perforated units for interior walls												
	Designation of product												
	360 280 240	360 280 240	700 400 240	700 400 240	430 190 240	305 190 240	210 190 240	115 190 240	430 190 240	305 190 240	210 190 240	115 190 240	
Dimensions and tolerances	360	360	700	700	430	430	305	210	115	430	305	210	115
Length, mm	280	280	400	400	190	190	190	190	190	190	190	190	190
Width, mm	240	240	240	240	240	240	240	240	240	240	240	240	240
Height, mm	D1	D1	D1	D1	D1	D1	D1	D1	D1	D1	D1	D1	D1
Tolerance category													
Group	2												
Gross dry density, kg/m ³	540	600	300	400	750	750	750	750	750	850	850	850	850
Density tolerances, %	±10	±10	±10	±10	±10	±10	±10	±10	±10	±10	±10	±10	±10
Mechanical strength, Category	I	I	I	I	I	I	I	I	I	I	I	I	I
Compressive strength, N/mm ²	2,0	2,5	2,5	4,0	2,5	2,5	2,5	2,5	2,5	3,0	3,0	3,0	3,0
Equivalent thermal conductivity, λ10, dry	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Freezing-thawing resistance in bulk, cycles	50	50	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Moisture movement, mm/m	0,38	0,38	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Water vapor permeability, coefficient	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15
Reaction to fire, class	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1
Shear bond strength, N/mm ²	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15
Dangerous substances, Bq/kg	< 2,0												



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Annex issued on 3 (three) pages



Characteristics	Solid units										Solid units for interior walls									
	Designation of product																			
	490 200 185	490 200 185	490 200 185	490 200 185	490 200 185	490 200 185	490 200 185	490 200 185	490 200 185	490 200 185	490 300 185	490 300 185	490 300 185	490 300 185	220 70 190	450 70 190	400 90 235	400 90 235	400 100 240	400 100 240
Dimensions and tolerances	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490
Length, mm	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Width, mm	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185
Height, mm	D1	D1	D1	D1	D1	D1	D1	D1	D1	D1	D1	D1	D1	D1	D1	D1	D1	D1	D1	D1
Tolerance category	1																			
Group	1																			
Gross dry density, kg/m ³	650	750	900	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Density tolerances, %	±10	±10	±10	±10	±10	±10	±10	±10	±10	±10	±10	±10	±10	±10	±10	±10	±10	±10	±10	±10
Mechanical strength, Category	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Compressive strength, N/mm ²	2,0	3,0	5,0	7,0	7,0	2,0	2,0	3,0	5,0	5,0	7,0	7,0	7,0	5,0	5,0	5,0	3,5	4,0	7,0	3,0
Equivalent thermal conductivity, λ10, dry	0,18	0,21	0,26	0,30	0,30	0,18	0,18	0,21	0,26	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,21
Freezing-thawing resistance in bulk, cycles	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	75
Moisture movement, mm/m	0,38	NPD	NPD	NPD	NPD	0,38	0,38	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Water vapor permeability, coefficient	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15
Reaction to fire, class	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1
Shear bond strength, N/mm ²	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15
Dangerous substances, Bq/kg	< 2,0																			



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