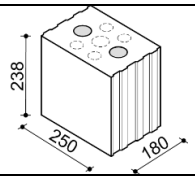
UAB "Bauroc"
Statybininkų st. 19,
LT-65480 Matuizos, Varėnos raj. Lithuania

DECLARATION OF PERFORMANCE
Nr. 24004

1. Unique identification code of the product-type: **Calcium silicate masonry unit silroc 180 15 MPa**
2. Intended use: **For use for unprotected masonry of exterior and interior walls, basements, foundations with thin-layer or general purpose masonry mortar**
3. Manufacturer **UAB „Bauroc", Statybinikų st.19, LT-65480 Matuizos, Varėnos r., Lithuania**
4. System of AVCP: **System 2+**
5. Harmonised standard: **EN 771-2:2011+A1:2015**
   Notified body: **UAB "Kiwa Inspekta" nr. 2268 (2268-CPR-370)**
6. Declared performance:

Essential characteristics	Performance
1. Dimensions and tolerances, mm	
Length	250±2
Width	180±2
Height	238±1
Configuration: Regular shaped masonry unit with vertical holes and shaped matched projections and indentations - direction of holes ⊥ bed face	
Dimensional tolerances category	T2
2. Masonry units category	I
3. Mean compressive strength (⊥ bed face, whole unit), N/mm²	≥15
Normalized compressive strength, N/mm²	≥15
Compressive strength class	15
4. Unit group (EN 1996-1-1)	Group 1
5. Shear bond strength:	
With thin layer mortar, N/mm² (EN 998-2 Tabulated value)	0,30
With general purpose mortar, N/mm² (EN 998-2 Tabulated value)	0,15
6. Reaction to fire	Euroclass A1
7. Water absorbation, % (EN 772-21)	≤ 17
8. Water vapour diffusion coefficient, μ (EN 1745 Table A2)	5/25
9. Direct airborne sound insulation:	
Gross dry density, kg/m³	1410-1600
Density class	1,6
10. Thermal conductivity $\lambda_{10dry,mat}$ (EN 1745 Table A2), W/(mK)	0,86
11. Thermal conductivity $\lambda_{10dry,unit}$, W/(mK)	0,55
12. Durability – freeze-thaw resistance 50 cycles (EN 772-18)	F2
13. Hazardous substances, radiation contamination Hygiene standards HN85-2011	Class 1

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Matuizų 15.05.2024

……..
Andrius Vailionis
Production Manager