

FUNCTIONALITY DECLARATION
No. 005 EE

1. Product type's unique ID, name: **Porous concrete blocks ROCLITE /0,3/400**

2. Product ID:
ROCLITE /3.0/400 /S

3. Producer's intended purposes(s) of the construction product, in compliance with the unified technical description:
Autoclaved porous concrete masonry stones complying with the standard EVS-EN 771-4:2011, intended for use in loadbearing and non-loadbearing exterior and interior walls with or without insulation, together with ROCLITE block glue (fine granular screed).

4. Producer's name, registered trade name or trademark, and contact address pursuant to Article 11 (5):
VKG Plokk OÜ
Ahtme mnt 145, Kohtla-Järve 31027, Estonia
Tel.: +372 3342408, e-mail: vkgplokk@vkg.ee

5. Not applicable.

6. Construction product's stability assessment and verification system(s) pursuant to Appendix V: **system 2+ with all basic features.**

7. The notified certification body for production management, **TUT Certification Centre No. 1504**, has performed initial inspection of the producer's plant and initial inspection of its production management system, and performs ongoing supervision and assessment of the production plant's production management system, and has issued the production management system's certificate No. **1504-CPR-178/12**.

8. Not applicable.

9. Declared functionality:

Main features		Functionality	Unified technical description
Dimensions	Length, mm	600	EN 771-4:2011
	Width, mm	100, 120, 150, 200, 200, 300, 300, 380, 500	
	Height, mm	300, 300, 300, 250, 200, 200, 250, 200, 200	
Dimensional tolerances		TLMB	
Parallelism of laying surfaces, mm		≤1.0	
Levelness of laying surfaces, mm		≤1.0	
Category by compression strength		I	
Mean value of compression strength, N/mm ²		3.0	
Dimensional stability (volume shrinking), mm/m		≤0.3	
Adhesion strength, fine granular screed, N/mm ²		0.3 (value as per EN 998-2 Appendix C)	
Fire susceptibility		A1	
Water absorption, g/m ² s ^{0.5}		NPD	
Water vapour diffusion factor, μ		5/10 (table value as per EN 1745, table A.10)	
Durability (freezing resistance)		35 cycles	
Average gross dry density, kg/m ³		400±40	
Shape and form		full masonry stone	
Thermal conductivity		λ _{10dry} (P=50%):0,094 EN 1745, model S2	

10. The functionality of the product stated in clauses 1 and 2 conforms to the functionality stated in clause 9. This functionality declaration was issued under the sole responsibility of the producer stated in clause 4.

Undersigned by and on behalf of: */stamp: VKG PLOKK OÜ, Kohtla-Järve, Republic of Estonia/*

Kohtla-Järve
01.01.2015

Register code: 12171563
Ahtme mnt 145
31027 Kohtla-Järve
ESTONIA

Jaak Saar
Management Board Member
VKG PLOKK OÜ
Telephone: +372 332 1360
Fax: +372 337 5044
E-mail: vkgplokk@vkg.ee
www.vkg.ee