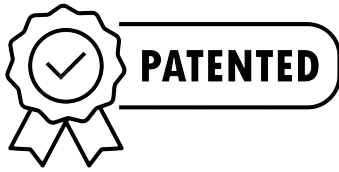


# Declaration of performance

Nr. 2023-006



# LOWIE

## BRICKS

1. Product type	LOWIE DESIGN WHITE HV HF
2. Intended use	Masonry bricks by EN 771-3:20; EN 771-1_2011
3. Name & address manufacturer	Lowie Bricks, Ropswalle 13 8930 Menen
4. Notified certification body	Procertus (identification number 0965)

5. Declared performances		
Essential features	Prestations	Test standard
Dimensions	240X80X40	EN_771-3_2011
Flatness of facing sides	< 2,5 mm	EN_771-3_2011
Flatness of bed sides	< 0,5 mm	EN_771-3_2011
Planparallel bed sides	< 1 mm	EN_771-3_2011
Mechanical strength after 14 days	> 10 N/mm <sup>2</sup>	EN_771-3_2011
Mechanical strength after 28 days	+ - 20 N/mm <sup>2</sup>	
Expansion/shrinkage	< 0,45 mm/m	EN_771-3_2011
Insulation value (50/50)	0,71 W/m*K	EN_771-3_2011
Gross dry volume mass	1690 KG/M <sup>3</sup>	EN_771-3_2011
Fire resistance	A1	EN 13501-1
Durability (freeze/thaw)	F2	EN_771-1_2011
Total water absorption	<16%	EN_771-1_2011
Initial water absorption	< 4 kg/(m <sup>2</sup> min)	EN_771-1_2011

Storage & Processing	Sawing
Place on a flat surface and cover Mix multiple packs Follow the Lowie Bricks processing instructions	Dry sawing may release dust. This dust will contain silicon or quartz particles that can be harmful to health. Anyone performing such work is advised to wear FFP3 dust masks.

Each pack contains 33% bricks with a painted header. These can be kept separate and used specifically in corner applications or locations where the header is visible.