

## Declaration of performance

Nr. 2023-006

# LOWIE

## BRICKS

1. Product type:	Lowie DESIGN HV HF
2. Intended use	Masonry bricks
3. Name & address manufacturer:	Lowie Bricks, Ropswalle 13 8930 Menen

5. Declared performances:	
Essential features	performance
Dimensions	240X80X40
Flatness of facing sides	< 2,5 mm
Flatness of bed sides	< 0,5 mm
Planparallel bed sides	< 1 mm
Mechanical strength after 14 days	> 10 N/mm <sup>2</sup>
Mechanical strength after 28 days	+/- 20 N/mm <sup>2</sup>
Expansion/shrinkage	< 0,45 mm/m
Insulation value (50/50)	0,71 W/m*K
Gross dry volume mass	1690 KG/M <sup>3</sup>
Fire resistance	A1
Durability (freeze/thaw)	F2
Total water absorption	<16%
Initial water absorption	[2-6] kg/(m <sup>2</sup> min)

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.