

# LOWIE

BRICKS

## LOWIE WHITE HANDMADE TECHNICAL DATA SHEET



Size (mm L x H x D)	215 x 65 x 102.5
Size Tolerances Mean & Range	T2, R2
Reaction to fire	A1
Lateral surface flatness	< 2.5 mm
Flatness of bed faces	<0.5 mm
Parallelism of bed faces	< 1 mm
Mechanical strength (normalized compressive strength) after 14 days	> 10 N/mm <sup>2</sup>
Mechanical strength (normalized compressive strength) after 28 days	+/- 20 N/mm <sup>2</sup>
Dimensional stability (shrinkage)	< 0.45 mm/m
Gross dry volumetric mass	1690 Kg/m <sup>3</sup>
Dry density (frost/thaw resistance)	F2
Total water absorption	< 14%
Initial water absorption rate	< 4 Kg/(m <sup>2</sup> /min)
Thermal Conductivity (50/50)	0,62 W/m*K

## SUSTAINABLE – AFFORDABLE - AUTHENTIC

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