## **LOWIE**

## LOWIE GREY LINEAR TECHNICAL DATA SHEET

BRICKS



Size (mm L x H x D)	240 x 40 x 80
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/mm2
Mechanical strength (normalized compressive strength) after 28 days	+/- 20 N/mm2
Dimensional stability (shrinkage)	< 0.45 mm/m
Gross dry volumetric mass	1690 Kg/m3
Dry density (frost/thaw resistance)	F2
Total water absorption	< 14%
Initial water absorption rate	< 4 Kg/(m2/min)
Thermal Conductivity (50/50)	0,62 W/m*K

## SUSTAINABLE - AFFORDABLE - AUTHENTIC