

# Technical Data Sheet – European Standard

## Lundhs Antique

*Lundhs Antique has a unique compound of clear blue/purple crystals on brown background.  
Previous trading name for this material was Labrador Antique.*

Technical Properties	Standard	Mean Values
stone name:	ns-en 12407	Anorthosite
structure:		coarse grained
texture:		oriented feldspar crystals with lustre
compressive strength:	ns-en 1926	195 mpa
flexural strength:	ns-en 12372	13 mpa
flexural strength: (after 48 frost cycles)	ns-en 12371	13.1 mpa
abrasion resistance, böhme:	din 52 1081	6.4 cm <sup>3</sup> / 50 cm <sup>2</sup>
abrasion resistance, böhme:	ns-en 14157 (b) <sup>2</sup>	7102 mm <sup>3</sup>
abrasion resistance, wide wheel:	ns-en 14157 (a) <sup>3</sup>	17.0 mm
water absorption:	ns-en 13755	0.07% weight
apparent density:	ns-en 1936	2700 kg/m <sup>3</sup>
open porosity:	ns-en 1936	0.2%
breaking load at dowel holes:	ns-en 13364	2930 n
slip resistance: (honed surface)	ns-en 14231	63 srv (dry) 3 srv (wet)
rupture energy, thickness 30 mm:	ns-en 14158	3.8 j
resistance to ageing by thermal shock:	ns-en 14066	no visual changes. no weight loss
petrographic composition:	ns-en 12407	feldspar 85% pyroxene 9% chlorite 3% opaques 3%

the tests have been performed according to technical requirements given in e.g. ns-en 1467 (rough blocks), ns-en 1469 (slabs for cladding), ns-en 12057 (modular tiles) and ns-en 12058 (slabs for floors and stairs). test results from sintef building and infrastructure (2006), ([www.sintef.no](http://www.sintef.no))

<sup>1</sup> Based on thickness measurements.  
<sup>2</sup> Based on weight measurements.  
<sup>3</sup> Reference method for natural stone.