

Technical Data Sheet – European Standard

Lundhs Silver

*Lundhs Silver has a large content of silver sparkling crystals with dark greyish background.
Previous trading name for this material was Blue Pearl Fjord.*

Technical Properties	Standard	Mean Values
stone name:	ns-en 12407	monzonite (larvikite)
structure:		coarse grained
texture:		oriented feldspar crystals with lustre
compressive strength:	ns-en 1926	222 mpa
flexural strength:	ns-en 12372	16.2 mpa
flexural strength: (after 48 frost cycles)	ns-en 12371	15.2 mpa
abrasion resistance, böhme:	din 52 1081	7.2 cm ³ / 50 cm ²
abrasion resistance, böhme:	ns-en 14157 (b) ²	7004 mm ³
abrasion resistance, wide wheel:	ns-en 14157 (a) ³	17.0 mm
water absorption:	ns-en 13755	0.04% weight
apparent density:	ns-en 1936	2760 kg/m ³
open porosity:	ns-en 1936	0.1%
breaking load at dowel holes:	ns-en 13364	3750 n
slip resistance: (honed surface)	ns-en 14231	48 srv (dry) 7 srv (wet)
rupture energy, thickness 30 mm:	ns-en 14158	3.7 j
resistance to ageing by thermal shock:	ns-en 14066	no visual changes. no weight loss
petrographic composition:	ns-en 12407	feldspar 80% pyroxene 4% olivine 3% amphibole 3% nepheline 6% magnetite 2% apatite 1% biotite 1%

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)

1 Based on thickness measurements.
2 Based on weight measurements.
3 Reference method for natural stone.