

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.