



LUNDHS

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Refined for living

Technical Data Sheet

Lundhs Royal Blue

Lundhs Royal Blue has large crystals and bright blue colour. The material is exclusively produced by Lundhs.

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	226 mpa
flexural strength:	ns-en 12372	11.5 mpa
flexural strength: (after 48 frost cycles)	ns-en 12371	10.0 mpa
abrasion resistance, böhme:	din 52 1081	6.9 cm ³ / 50 cm ²
abrasion resistance, böhme:	ns-en 14157 (b) ²	6811 mm ³
abrasion resistance, wide wheel:	ns-en 14157 (a) ³	16.0 mm
water absorption:	ns-en 13755	0.08% weight
apparent density:	ns-en 1936	2730 kg/m ³
open porosity:	ns-en 1936	0.2%
breaking load at dowel holes:	ns-en 13364	3200 n
slip resistance: (honed surface)	ns-en 14231	54 srv (dry) 8 srv (wet)
rupture energy, thickness 30 mm:	ns-en 14158	4.3 j
resistance to ageing by thermal shock:	ns-en 14066	no visual changes. no weight loss
petrographic composition:	ns-en 12407	feldspar 85% pyroxene 4% olivine 1% amphibole 3% nepheline 3% magnetite 3% 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.

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