

Technical Data Sheet – European Standard

Lundhs Black

Lundhs Black is a dark syenite with small feldspar crystals. The previous trade names were Emerald Black or (and) Labrador Black.

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	185 mpa
flexural strength:	ns-en 12372	15.9 mpa
flexural strength: (after 48 frost cycles)	ns-en 12371	14.6 mpa
frost resistance (after 48 freeze-/thaw cycles)	ns-en 12371	-8%
rupture energy, thickness 30 mm:	ns-en 14158	5.5 j
abrasion resistance, wide wheel:	ns-en 14157 (a) ¹	17.5 mm
breaking load at dowel holes:	ns-en 13364	5100 n
slip resistance: (honed surface)	ns-en 14231	76 srv (dry) 25 srv (wet)
resistance to ageing by thermal shock:	ns-en 14066	no visual changes. no weight loss
petrographic composition:	ns-en 12407 ²	feldspar 70% pyroxene 10% amphibole 0% biotite 5% olivine 5% apatite 0% opaques 8%

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.