

# Technical properties

## FLIVIK / ARVIDSMÅLA GRANITE

Technical properties	Standard	Unit	
Compressive strength	EN 1926	MPa	197
Flexural strength	EN 12372	MPa	16,4
Abrasion resistance, Böhme	DIN 52 108 1)	cm <sup>3</sup> 50 cm <sup>2</sup>	5,1
Abrasion resistance, Böhme	EN 14157 2)	mm <sup>3</sup>	5100
Water absorption	EN 13755	weigth %	0,1
Apparent density	EN 1936	kg/m <sup>3</sup>	2660
Breaking load at dowel holes	EN 13364	N	2900
Slip resistance, honed surface	EN 14231	SRV, dry	49
Slip resistance, honed surface	EN 14231	SRV, wet	14
Rupture energy, Thickness: 20 mm	EN 14158	J	3,5
Petrographic composition	EN 12407*		
Potassium feldspar		%	33
Quartz		%	31
Plagioclase		%	30
Biotite		%	4

*Tested by SP, Swedish National Testing and Research Institute*

\* Only main components

1) Based on thickness measurement

2) Based on weight measurement