

TRANAS Original



Polished

Location: Smaland, Sweden

Geo coordinates: WGS84 dec 58.082001 14.900094

Technical properties	Value	Unit	Standard
Compressive strength	Average: 223 Standard deviation: 25 Lower expected value: 171	Mpa	EN 1926
Flexural strength	Average: 11,5 Standard deviation: 0,7 Lower expected value: 10,1	Mpa	EN 12372
Abrasion resistance (Böhme)	Average: 5,2	cm ³ /50 cm ²	DIN 52108
Slip resistance, honed surface (dry)	Average: 64	SRV	EN 14231
Slip resistance, honed surface (wet)	Average: 45	SRV	EN 14231
Apparent density	Average: 2640	kg/m ³	EN 1936
Open porosity	not tested	%	EN 1936
Water absorption	Average: 0,14	weight %	EN 13755
Rupture energy	not tested	J	EN 14158
Breaking load at dowel holes	Average: 2650	N	EN 13364

Petrographic composition	Standard SS-EN 12407:2019	Value
Quartz		36 %
Plagioclase		20 %
Potassium feldspar		41 %
Chlorite		2 %

Tested by RISE Research Institutes of Sweden AB (2021)