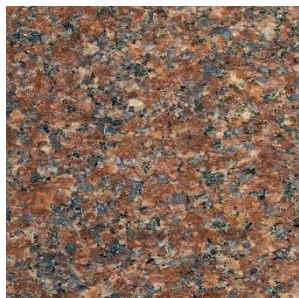
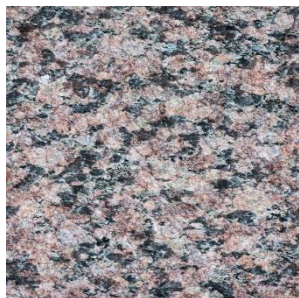


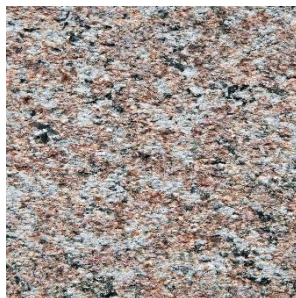
TRANAS Classic



Polished



Flamed



Bush-hammered

Location: Smaland, Sweden

Geo coordinates: WGS84 dec 58.082001 14.900094

Technical properties	Value	Unit	Standard
Compressive strength	Average: 224 Standard deviation: 15 Lower expected value: 190	Mpa	SS-EN 1926:2006
Flexural strength	Average: 10,9 Standard deviation: 0,7 Lower expected value: 9,4	Mpa	SS-EN 12372:2022
Abrasion resistance (Böhme)	Average: 4,6	cm ³ /50 cm ²	SS-EN 14157:2017
Slip resistance, honed surface (dry)	Average: 51	SRV	SS-EN 14231:2003
Slip resistance, honed surface (wet)	Average: 29	SRV	SS-EN 14231:2003
Apparent density	Average: 2635	kg/m ³	SS-EN 1936:2006
Open porosity	Average: 0,3	%	SS-EN 1936:2006
Water absorption	Average: 0,11	weight %	SS-EN 13755:2008
Rupture energy	Average: 5,0	J	SS-EN 14158:2004
Breaking load at dowel holes	Average: 2297	N	SS-EN 13364:2002

Petrographic composition	Standard SS-EN 12407:2019	Value
Quartz		29 %
Plagioclase		24 %
Potassium feldspar		42 %
Biotite		2,4 %
Muscovite		0,2 %
Opaque minerals		0,5 %
Chlorite		1,3 %
Others		0,4 %

Tested by RISE Research Institutes of Sweden AB (2024-05-14)