

## BROBERG Red Bohus



Polished



Flamed



Bush-hammered

Location: Broberg 110, 454 92 Brastad, Sweden

Geo coordinates: WGS84 dec 58.413767 11.494935

Technical properties	Value	Unit	Standard
Compressive strength	Average: 247 Standard deviation: 15 Lower expected value: 215	Mpa	EN 1926
Flexural strength	Average: 16,7 Standard deviation: 0,4 Lower expected value: 16	Mpa	EN 12372
Frost resistance incl. flexural strength	Flexural strength before: 16,7 Flexural strength change after: 16,2 Flexural strength change : -3	% % Mpa %	EN 12371
Abrasion resistance (thickness based)	Average: 5,15	Cm/50 cm	DIN 52108
Abrasion resistance (weight based)	Average: 5148	Mm3	EN 14157
Water absorption	Average: 0,16	Weight %	EN 13755
Apparent density	Average: 2630	Kg /m <sup>3</sup>	EN 1936
Breaking load at dowel holes	Average: 3700	N	EN 13364
Slip resistance, honed surface (dry)	Average: 55	SRV	EN 14231
Slip resistance, honed surface (wet)	Average: 18	SRV	EN 14231
Rupture energy	Average: 4,0	J	EN 14158

Petrographic composition:	Standard: EN 12407	Value:
Potassium feldspar		30 %
Plagioclase		29 %
Qvarz		35 %
Amphibole		4 %

Tested by: RISE Research Institutes of Sweden AB