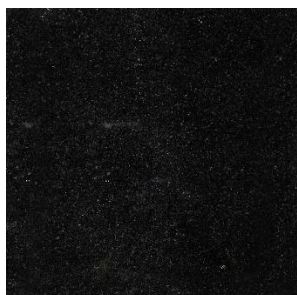


MOHEDA Black Diabase



Polished



Flamed



Bush-hammered

Location: Hössjö Bergtäkt, 342 63 Moheda, Sweden

Geo coordinates: WGS84 dec 56.992195 14.524681

Technical properties	Value	Unit	Standard
Compressive strength	Average: 321 Standard deviation: 24 Lower expected value: 265	Mpa	SS-EN 1926:2006
Flexural strength	Average: 24,0 Standard deviation: 3,0 Lower expected value: 18,3	Mpa	SS-EN 12372:2022
Abrasion resistance (Böhme) *	Average: 5,2	cm ³ /50 cm ²	DIN 52108
Slip resistance, honed surface (dry) *	Average: 54	SRV	EN 14231
Slip resistance, honed surface (wet) *	Average: 40	SRV	EN 14231
Apparent density	Average: 2952	kg/m ³	SS-EN 1936:2006
Open porosity	Average: 0,02	%	SS-EN 1936:2006
Water absorption	Average: 0,01	weight %	SS-EN 13755:2008
Rupture energy *	Average: 5,0	J	EN 14158
Breaking load at dowel holes *	Average: 2550	N	EN 13364

Petrographic composition *	Standard SS-EN 12407:2019	Value
Plagioclase		61 %
Orthopyroxene		19 %
Clinopyroxene		7 %
Opaque minerals		7 %
Biotite		3 %
Quartz		1,8 %
Amphibole		0,4 %
Others		1,1 %

Tested by RISE Research Institutes of Sweden AB (2024-05-14, * from previous test 2021)