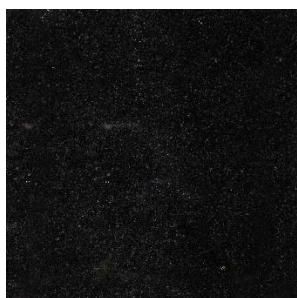


## MOHEDA Black Diabas



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: 350 Standard deviation: 25 Lower expected value: 297	Mpa	EN 1926
Flexural strength	Average: 28,1 Standard deviation: 3,7 Lower expected value: 20,5	Mpa	EN 12372
Frost resistance incl. flexural strength	Flexural strength change after: Flexural strength change :	Mpa %	EN 12371
Abrasion resistance (thickness based)	Average: 5,2	Cm/50 cm	DIN 52108
Abrasion resistance (weight based)	Average: 6001	Mm3	EN 14157
Water absorption	Average: 0,01	Weight %	EN 13755
Apparent density	Average: 2970	Kg /m <sup>3</sup>	EN 1936
Breaking load at dowel holes	Average: 2550	N	EN 13364
Slip resistance, honed surface (dry)	Average: 54	SRV	EN 14231
Slip resistance, honed surface (wet)	Average: 40	SRV	EN 14231
Rupture energy	Average: 5	J	EN 14158

Petrographic composition:	Standard: EN 12407	Value:
Plagioclase		61 %
Orthopyroxene		19 %
Clinopyroxene		7 %
Opagues		7 %
Biotite		3 %
Qvarz		1,8 %
Amphibole		0,4 %
Others		1,1

Tested by: RISE Research Institutes of Sweden AB