

Technical properties

GYLSBODA GRANITE (DIABASE)

Technical properties	Standard	Unit	
Compressive strength	EN 1926	Mpa	254
Flexural strength	EN 12372	Mpa	29,9
Abrasion resistance, Böhme	DIN 52 108 1)	cm ³ /50 cm ²	5,5
Abrasion resistance, Böhme	EN 14157 2)	mm ³	5500
Water absorption	EN 13755	weight %	<0,1
Apparent density	EN 1936	kg/m ³	3000
Breaking load at dowel holes	EN 13364	N	4700
Slip resistance, honed surface	EN 14231	SRV, dry	47
Slip resistance, honed surface	EN 14231	SRV, wet	11
Rupture energy, Thickness: 20 mm	EN 14158	J	3,0
Petrographic composition	EN 12407*		
Plagioclase		%	66
Pyroxene		%	29
Opagues		%	4
Biotite		%	1

Tested by SP, Swedish National Testing and Research Institute

* Only main components

1) Based on thickness measurement

2) Based on weight measurement