

TECHNICAL PROPERTIES

EN_13755	Water absorption	0.09 %
EN_1936	Apparent density	2800 kg/m ³
EN_12372	Flexural strength, fresh material	18.3 MPa
EN_12372	Flexural strength, material after freeze-thaw cycles*	+ 5.5 %
EN_1926	Compressive strength	219 MPa
EN_14157	Abrasion resistance	17 mm
EN_13364	Breaking load at dowel hole	3550 N

*after 56 cycles (tested 2016)

MINERAL CONTENT

K-feldspar 24.9 Wt %

Quartz 21.2 Wt %

Silimanite 20.0 Wt %

Cordierite 14.2 Wt %

Biotite 10.2 Wt %

Plagioclase 4.2 Wt %

Garnet 3.5 Wt %

Ilmenite 1.7 Wt %

Accessory minerals 0.1 Wt %