

National Research Center Testing Techniques for Building Materials

Test Report

Report N° 200990132

N°	Test items	Standart index	Test results	Individual conclusion	Test standard/ method
1	Bulk density	$\geq 2,5\text{g/cm}^3$	2,55g/cm ³	-----	
2	Water absorption	$\leq 0,2\%$	0,010%	-----	
3	Bending Strenght	16MPa	31,9MPa	-----	
4	Moh's hardness	$\geq \text{Grade 3}$	Grade03	-----	
5	Compression strenght	90MPa	98,2MPa	-----	
6	Hight temp. resistance	No cracking, crazing or Blistering	No cracking, crazing or Blistering	-----	JC908-2002
7	Heat up resistant	No cracking, crazing or Blistering	No cracking, crazing or Blistering	-----	
8	Frost resistance	-----	No crack, no peeling	-----	JC830.1-2005
9	Static coefficient of friction	-----	0,61	-----	GB/T4100-2006
10	Radionuclides internal exposure	$\leq 1,0$	$\leq 1,0$	Pass	GB566-2001
	Radionuclides External exposure	$\leq 1,3$	0,1	Pass	