

Protocol of testing the strength of control concrete samples with cement ПЦ I 500 Н, granite rubble fr.5-10mm, with the addition of basalt fiber ordered by LLC "Mineral 7", Lviv region, Novyiy yar

№	Date of		Brand concrete, Mpa	% content of fiber in concrete	Mobility, cm	Form of samples	Size of samples, cm	Age, days	Working space, cm ²	Indication Manometer, N	Breaking load, N	of single sample for compressi	strength of the series	storage temperature, °C	Length of basalt fiber, mm	Note
	Sampling	Testing														
1	26,10	25,11	B30	5%	5-9	cube	7 x 7 x 7	28	49		273000	55,7	46,7			
							7 x 7 x 7		49		265000	54,1				K = 0,85
							7 x 7 x 7		49		258000	52,1				
							4 x 4 x 16				10,2					
2	26,10	25,11	B30	5%	5-9	joists	4 x 4 x 16	28			9,8		10,6			K = 1
							4 x 4 x 16				11,8					
							4 x 6		24		118000	49,2				
						half beams	4 x 6		24		12000	50,0				
3	26,10	25,11	B30	5%	5-9		4 x 6	28	24		11200	47,0				
							4 x 6		24		12300	51,3	49,9			K = 1
							4 x 6		24		11850	49,4				
							4 x 6		24		11400	47,5				

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