

Protocol of testing the strength of control concrete samples with cement ПЦ I 500 H, granite rubble fr.5-10mm, with the addition of basalt fiber ordered by LLC "Mineral 7", Lviv region, Novyiy yar 14

№	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	Strength of single sample for compression and bending, Mpa	Average strength of the series	Samples storage temperature, °C	Length of basalt fiber, mm	Note
	Sampling	Testing														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
							7 x 7 x 7		49		227900	46,5				
	26,10	25,11	B30	contr	5-9	cube	7 x 7 x 7	28	49		203000	43,5	38,3			compression
							7 x 7 x 7		49		206300	42,1				K = 0,85
							4 x 4 x 16					6,35				
	26,10	25,11	B30	contr	5-9	joists	4 x 4 x 16	28				6,10	6,22			bent
							4 x 4 x 16					6,20				K = 1
							4 x 6		24		10000	41,7				
						half beams	4 x 6		24		9500	39,6				
							4 x 6	28	24		10100	42,1				
							4 x 6		24		9200	38,3	40,6			compression
							4 x 6		24		9400	39,2				K = 1
							4 x 6		24		9100	37,9				

Director laboratory KPP OAO "Kievmetrostoi"

V. O. Voloshtuk