

Department of Civil Engineering and Architecture RESEARCH AND TESTING LABORATORY OF BUILDING MATERIALS Accredited by the Estonian Accreditation Centre reg nr L004

## Customer:

AS Uninaks

Forelli11 10612 TALLINN

26.11.2018

Experimental Report N° 970/18

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Assignment:

Determination of compressive strength of concrete.

Concrete

Concrete specimens 15x15x15 cm,

designation:

marked as Waterproof Concrete C40: 26.10.18, 3 samples.

Forwarded to the laboratory by customer on 02.11.2018.

Test method:

Compressive strength and measures of the concrete cubes were determined following the requirements of EVS-EN 12390-3:2009 and density was determined

following the requirements of EVS-EN 12390-7:2009 .

## Test results:

Specimen designation	Testing date	Dimensions, mm			A, cm <sup>2</sup>	Mass,	Density kg/m <sup>3</sup>	F, kN	Compressive strength, N/mm <sup>2</sup>	
		a	b	h					single	average
Waterproof										
Concrete C40		149,5	150,5	150,5	225,0	7,600	2240	1059	47,1	
26.10.18	23.11.18	151,5	150,5	150,5	228,0	7,697	2240	1037	45,5	44,6
w = 0,124		150,5	150,5	150,5	226,5	7,553	2220	930	41,1	

The test results are valid to the described concrete test specimens only.

Margit Rosenberg

Acting Manager of Laboratory

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