



Customer:

AS Uninaks

Forelli11
10612 TALLINN

02.05.2022

Experimental Report N° 246/22

Page 1/1

Assignment: Testing of mortar for masonry.

Product designation: Dry mix of mortar for masonry, marked as „Naks M 200, 27.09.21, liin 07”.

Forwarded to the laboratory by customer on 24.03.2022 (25 kg).

Test method: EN 1015 „Methods of test for mortar for masonry”.

Fresh mortar was prepared in accordance with EN 1015-2 using water quantity, specified by manufacturer $w = 0.17$. Mortar was mixed in mixer according to EVS-EN 196-1 and the following mixing procedure: mixing 1,5 min + maturing time 3 min + mixing 1 min. The flow value was determined in accordance with EN 1015-3 and it was **154 mm**. For determination of the compressive strength of hardened mortar, three test specimens with dimensions 40x40x160 mm were prepared according to EN 1015-11. Test specimens were cured: at temperature $(20 \pm 2) ^\circ\text{C}$ and relative humidity $(95 \pm 5) \%$ 2 days in the mould and 5 days with the mould removed and after that at temperature $(20 \pm 2) ^\circ\text{C}$ and relative humidity $(65 \pm 5) \%$ 21 days with the mould removed. For compressive strength test specimens were broken into two halves to provide six half prisms. The compressive strength was determined in accordance with EN 1015-11. The results are given in next table.

Test results:

Preparing date	Testing date	Age, days	Compressive strength, N/mm ²		
			individual		mean
04.04.22	02.05.22	28	27,00	25,90	26,5
			26,00	26,90	
			26,50	26,50	

The test results are valid to the described test sample only.

(signed digitally)

Margit Rosenberg
Technology Engineer

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