



Customer:

AS Uninaks

Forelli11
10612 TALLINN

02.05.2022

Experimental Report N° 247/22

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Assignment: Testing of block adhesive.

Product designation: Dry mix of block adhesive, marked as „**Plokiliim PL 50: 23.03.22 liin 06**”.

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

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

Fresh adhesive was prepared in accordance with EN 1015-2 using water quantity, specified by manufacturer $w = 0.22$. Adhesive 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 **124 mm**. For determination of the compressive strength of hardened adhesive, three test specimens with dimensions 40x40x160 mm were prepared according to EN 1015-11. Test specimens were cured: at temperature (20 ± 2) °C and relative humidity (95 ± 5) % 2 days in the mould and 5 days with the mould removed and after that at temperature (20 ± 2) °C and relative humidity (65 ± 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	8,85	8,75	8,8
			8,35	8,95	
			8,50	9,25	

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

(signed digitally)

Margit Rosenberg
Technology Engineer

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