



Customer:

AS Uninaks

Forelli11
10612 TALLINN

12.06.2020

Experimental Report N° 423/20

Page 1/1

Assignment: Testing of block adhesive.

Product designation: Dry mix of block adhesive, marked as „**Plokiliim 10.03.20 liin 06**”.
Forwarded to the laboratory by customer on 13.05.2020 (25 kg).

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

Content of water-soluble chloride was determined in accordance with EN 1015-17. The analytical sample of mass 12 g was obtained by manual grinding. The values of chloride content are given in table 1.

Fresh adhesive was prepared in accordance with EN 1015-2 using water quantity, specified by manufacturer $w = 0.21$. 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 **123 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 $(20 \pm 2) ^\circ\text{C}$ 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 table 2.

Test results:

Table 1: Water-soluble chloride content of block adhesive, marked as „**Plokiliim 10.03.20 liin 06**”, in accordance with EN 1015-17

Testing date	Water-soluble chloride content by mass, %		
	individual		mean
14.-15.05.20	0.050	0.050	0.050

Table 2: Compressive strength of block adhesive, marked as „**Plokiliim 10.03.20 liin 06**” in accordance with EN 1015-11

Preparing date	Testing date	Age, days	Compressive strength, N/mm ²		
			individual		mean
15.05.20	12.06.20	28	6.85	6.85	7.0
			6.80	6.85	
			7.15	7.50	

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

Margit Rosenberg
Acting Manager of the Laboratory

The experimental report can be copied only as a whole; the laboratory must give its permission for partial copying.