



BUDAPESTI MŰSZAKI EGYETEM  
ÉPÍTŐMÉRNÖKI KAR  
ÉPÍTŐANYAGOK TANSZÉKE

“TECHNICAL UNIVERSITY OF BUDAPEST” FACULTY CIVIL ENGINEERING, DEPARTMENT OF BUILDING MATERIALS” & “B&K RATIO KERESKEDELMI”,  
MUEGYETEM RKP.3, H-1111 BUDAPEST XI, HUNGARY  
TEL: (36-1) 463-3450

RE: KALMATRON® TEST RESULTS

To whom it concerns.

This is an extract from the Test Report of KALMATRON® KF-A and KF-B, provided by support of Hungarian Company “B&K RATIO KERESKEDELMI”, Kft. in the “TECHNICAL UNIVERSITY OF BUDAPEST, FACULTY OF CIVIL ENGINEERING DEPARTMENT OF BUILDING MATERIALS” by Professor, Dr. Istvan ZSIGOVICS.

**KALMATRON® KF-A**

STANDARD		MORTAR MIX	KF-A 10Kg/M <sup>3</sup>
Specimens	Age	Flexural strength (N/mm <sup>2</sup> )	Compressive strength, (N/mm <sup>2</sup> )
Control	1	0.60	1.95
With KF-A	1	<b>1.14</b>	<b>3.85</b>
Control	3	2.06	7.03
With KF-A	3	<b>2.45</b>	<b>9.43</b>
Control	7	2.50	11.33
With KF-A	7	<b>2.82</b>	<b>13.80</b>
Control	28	5.48	17.55
With KF-A	28	<b>5.89</b> <sup>7.5%</sup>	<b>21.0</b> <sup>19.7%</sup>

STANDARD CONCRETE MIX		KFA -5Kg/M <sup>3</sup>	
Control	1	3.67	17.40
With KF-A	1	<b>4.74</b>	<b>21.77</b>
Control	3	6.97	37.66
With KF-A	3	<b>8.57</b>	<b>46.82</b>
Control	7	8.22	45.52
With KF-A	7	<b>9.16</b>	<b>51.98</b>
Control	28	9.79	58.54
With KF-A	28	<b>11.36</b> <sup>16%</sup>	<b>69.69</b> <sup>19%</sup>