

**APPENDIX E.**  
**ADDITIONAL GRAPHS**

### Spread-flow and Puntke tests

It has been previously seen in ([18]) that there is a good correlation between the water demand values found with Puntke and spread-flow tests.

In this work, a good correspondence has also been found as can be seen in Figure 1.

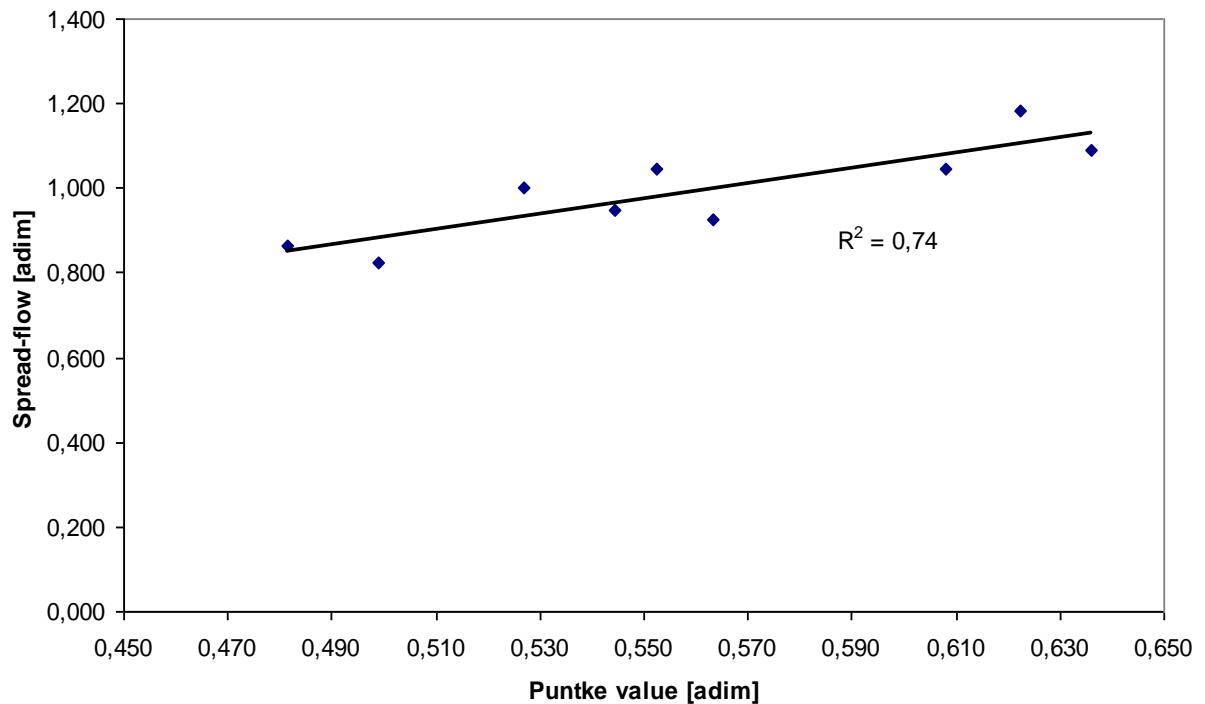


Figure 1. Correlation between the values obtained from the Puntke and the spread-flow tests.

As stated in the report, it allows us to consider the results as good proof that the new method for the performance of the Puntke test, i.e. vibrating instead of stamping, is valid.

**Rheograph**

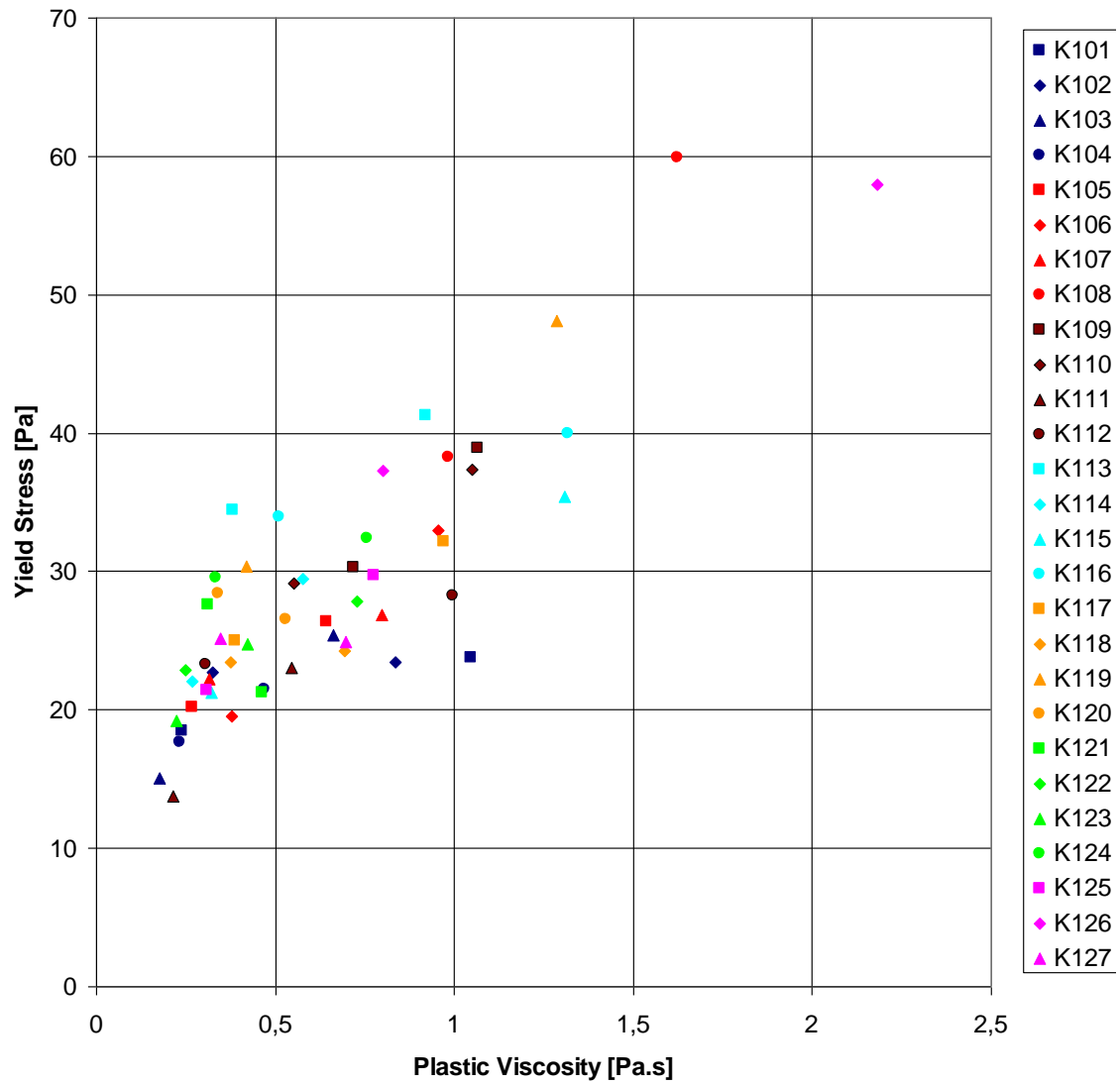


Figure 2. Rheograph showing the results from the rheometer for the additions of 30% and 40% of every studied material.

