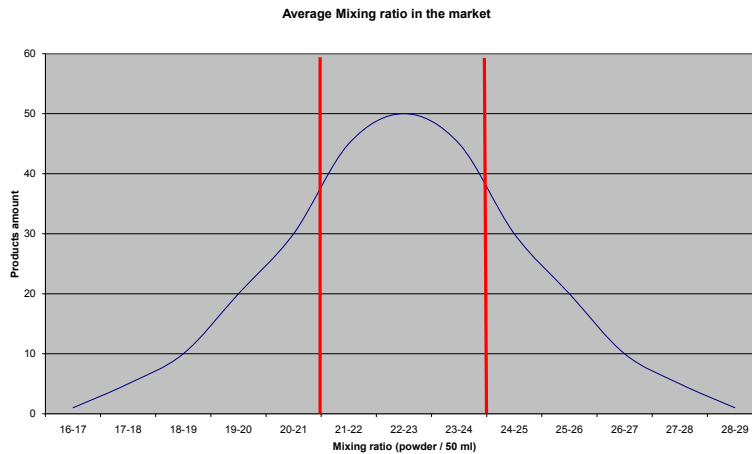


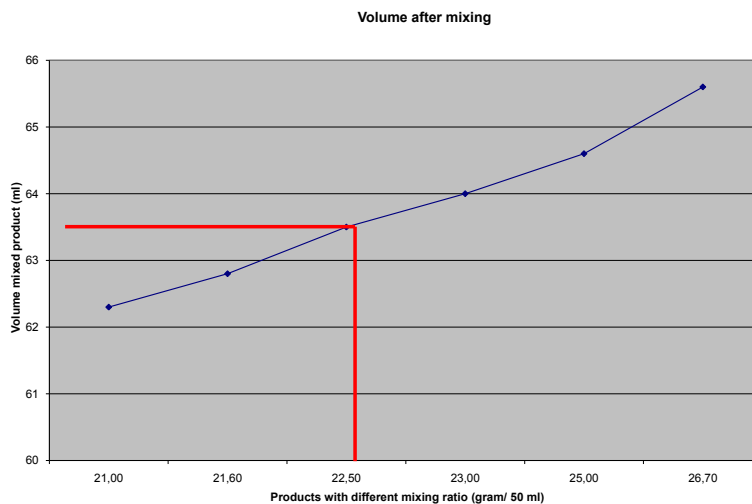


Cavex alginate, the economical choice?

1. There are many different qualities of alginate impression materials in the market and for the proper use of these products the advised mixing ratio (powder/water) is specified by the manufacturers. The quality of the ingredients used in an alginate impression material determines the amount of alginate you need to make a good impression.
2. Evaluation of 162 different alginate brands learns that 63% of the alginates show a mixing ratio between 21 – 24 gram / 50 ml. 11% of the alginates have a lower mixing ratio and 16% of the alginates have a higher mixing ratio. All Cavex alginates are within the 63% group



3. On average 63,5 ml mixed alginate is obtained with a mixing ratio of 22,5 gram of alginate on 50 ml of water. Only 5 % more volume is obtained when 25 % more powder is used!!!!

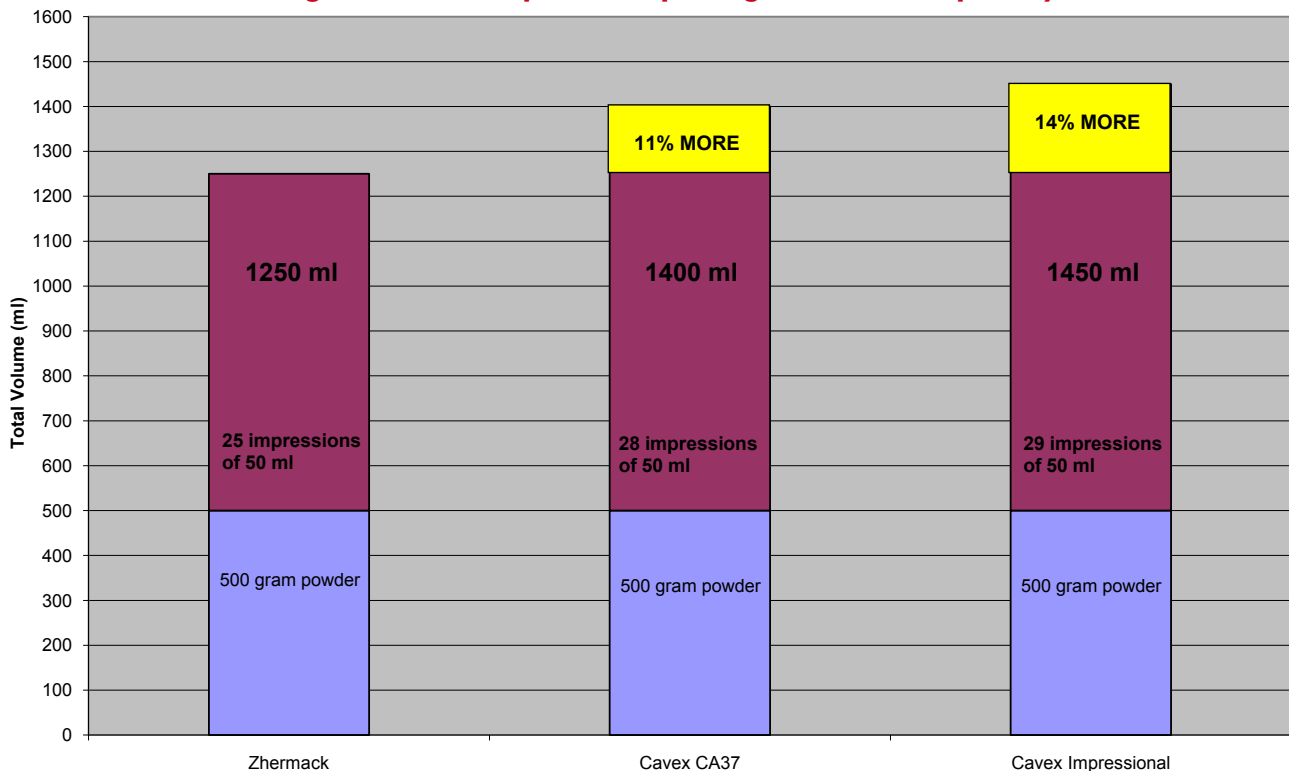


4. Cavex alginates versus Zhermack alginates

From experience we can state that the average use for filling an impression tray is appr. 50 ml mixed alginate. → appr. 50 ml can be obtained by using 17 – 18 gram powder mixed with 39 ml water.

Cavex:		
Impressional / ColorChange	21,0 gram / 50 ml	→ appr. 17 gram / 39 ml
CA37 / Orthotrace	23,0 gram / 50 ml	→ appr. 18 gram / 39 ml
Zhermack :		
Neocolloid / Tropicalgin / Orthoprint and Phaseplus	25,0 gram / 50 ml	→ appr. 19,5 gram / 39 ml

Average number of impressions per bag derived from quantity in ml.



Conclusion:

When the Cavex alginates are compared to the Zhermack alginates we can state that with 1 bag of Cavex alginate at least produces 3 more full impressions (150 ml of alginate). So the cost per impression is relatively lower.