

# BioSeal Frequently Asked Questions

***Q: What is the particle size of BioSeal?***

It contains very small, submicron size particles.

***Q: Does BioSeal generate heat when setting?***

No. The amount of heat released is attributed to the solubility of the material. BioSeal has been very carefully formulated using components that are insoluble in water.

***Q: Does BioSeal shrink upon setting?***

No. It actually expands just a little -  $0.091\% \pm 0.001$

***Q: Does BioSeal discolor over time?***

Discoloration is usually caused by using Bismuth oxide as the opacifier. BioSeal uses the highest purity zirconium oxide as an opacifier. It does not discolor.

***Q: I noticed that some BC Sealers state they use Calcium Silicate and BioSeal uses Tricalcium Silicate. Why?***

The cost of Calcium silicate vs Tricalcium silicate is about 1/1000th of the price! Tricalcium silicate is a more reactive, better component. That's why we include it in BioSeal.