



Xantasil Alginate Substitute FAQs

1. **In which cases should a dentist use Xantasil?**
 - Xantasil is perfectly adjusted for impressions to fabricate temporaries, splints/night guards, orthodontic models, situation impressions and opposing jaw impressions. The impression can be poured several times and does not need to be poured immediately. Xantasil is hygienic and does not produce dust in the dental office. Easy and homogenous mixing is achieved in the automatic mixing device (e.g. Dynamix *speed*).
2. **Do I need to cover the teeth with Xantasil prior to placing the filled impression tray into the oral cavity?**
 - No, this is not necessary as Xantasil flows perfectly around teeth.
3. **Can Xantasil also be used for precision impression?**
 - No, Xantasil is developed for classical alginate indications. It has a high compression strength, good elastic recovery and low hardness which ease the removal from the mouth and the removal from the model. Despite its softness, it can easily be trimmed by a scalpel. Its material properties are not suited for high precision impressions needed for manufacturing of fixed dentures. For precision impressions, use Flexitime, also from Kulzer.
4. **How fast can the impression be poured?**
 - 30 min. after impression taking it can be poured.
5. **How long can I store a Xantasil impression prior to pouring?**
 - At least 4 weeks for preparing models.
6. **Can a Xantasil impression be poured several times e.g. for splints?**
 - Yes, Xantasil can be poured several times.
7. **Do I need to block out fixed partial dentures (e.g. bridges) or fixed orthodontic retainers when taking an impression with Xantasil?**
 - No, the material is soft enough to tear and to release the fixed devices.
8. **How do I disinfect a Xantasil impression?**
 - Place the impression in 5.25% aqueous sodium hypochlorite solution for up to 10 min., or use a disinfectant solution which is suitable for silicone impressions.
9. **How do I have to store a Xantasil impression?**
 - Keep it in a dry place at room temperature.
10. **Is there a special procedure in the lab that is necessary when pouring Xantasil impressions?**
 - No.
11. **Is a special impression tray recommended for Xantasil?**
 - No, but for jaw models the tray needs to be deformation stable. For small provisionals, partial plastic trays can also be used.
12. **How can I obtain the best results with Xantasil?**
 - Dry the teeth prior to impression taking with an air syringe.
13. **How is the accuracy due to distortion during removal from the mouth?**
 - When removed from the mouth Xantasil shows minimal distortion compared to alginates, resulting in higher accuracy.