

Delta SPLINT

» 21th century Splints «

Delta Splint is a light-cured MMA-free composite specially developed for the time-saving production of occlusal splints. It can also be used extraoral for blocking structures in the dental laboratory.

- ▶ MMA- and peroxide-free composite
- ▶ Aesthetic transparency
- ▶ Tensile strength and modulus of elasticity optimized for occlusal splints
- ▶ Can be polymerized with any common UVA light-curing device (350 - 400 nm)

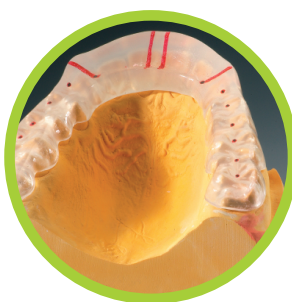
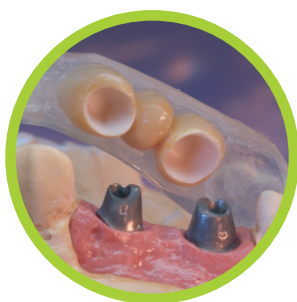


The superfast and universal occlusal splint

» Economical and Fast for Occlusal Splints «

The kit contains:

- | | |
|---------------------|--|
| Delta Splint | Twelve rods (9 g.), individually packed |
| Delta Bond | Light-curing liquid bonder (10 ml) |
| Delta Glaze | Light-curing shining lac (10 ml) |
| Delta Algin | Plaster/ Splint insulation (50 ml) |
| Delta Lina | Instrument and hand insulation with lime aroma (10 g.) |



Users guide at the rear side

Steps for Occlusal Splint Manufacturing



Block out the model as usual and soak it in water along with the opposing model during 3 minutes



Isolate both models with Delta Algin and fingers and instruments with Delta Lina.



Place the preformed rod on the arch and adapt it slightly.



Moisten the rod with Delta Algin and model the splint in both sides vestibular and palatine.



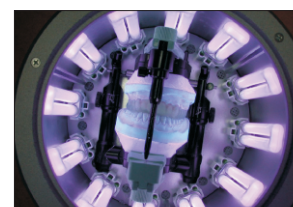
Close the articulator carefully until the pointer touches the incisal plate.



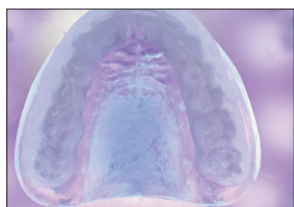
Simulate lateral and protusive movements from the outside to the inside.



Once all the movements are simulated, the occlusal pattern is achieved.



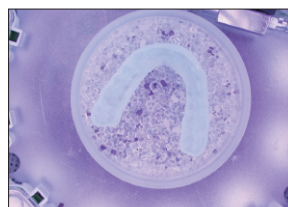
Light cure the splint for 10 minutes...



... in an UVA light cure unit (350-400 nm)



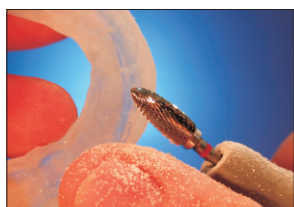
Lift the splint carefully from the model.



Light cure the splint again with the occlusal side facing down for another 10 min.



Remove inhibition layer using IPA on a tissue or small sponge



Work the splint out using a cross-bladed tungsten, then smoothen the surface with sandpaper.



After grinding and smoothening are finished, check occlusion with opposing model in relation to centric and ex-centric movements, then adjust it.

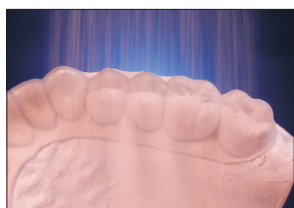


Finally, polish the splint as usual, using a brush and pumice.



Use Delta Glace to get a shiny finish. Apply a **thin** layer and light cure for 10 minutes.

Example: Thermoplastic Disc Splints and Corrections



The base must be blasted when Delta Splint is used on thermoplastic discs.



Apply Delta Bond using a brush over the rough and clean surface.



Light cure the base for 2 minutes using an UVA light cure unit.



Adapt the rod on the base and follow last example steps.