

Fabrication Technique For A Hard Nightguard



1 If necessary, block out any undercuts and duplicate the model. Place a self-adhesive temperature indicator on the back base of the model. Paint the model with Al-Cote[®] Separating Agent and allow it to dry. Then place the model in the DENTSPLY Conditioning Oven until the temperature indicator turns black.



2 Take the clear Eclipse Baseplate Resin out of the package before taking the model out of the DENTSPLY Conditioning Oven. With the material in-hand, remove the model and then place the rounded side of the material down on the surface of the cast.



3 If necessary, immediately place the model with material back in the DENTSPLY Conditioning Oven for 1 to 1 1/2 minutes to further soften the Eclipse Resin and make it easier to adapt without trapping air. (Tip: If desired, a small strip of material can be adapted onto the occlusal/incisal surface of the cast before adapting the remainder of the material.)



4 Adapt the Eclipse material to the design of the appliance and smooth with a finger. Any excess material can be removed by using the DENTSPLY Electric Spatula to score the material along the border of the appliance. The excess can then be easily removed after curing.



5 Place the model back on the articulator, coat the opposing dentition with Eclipse Model Release Agent, and then gently tap in the occlusion until the pin is down. If needed, additional material can be added. Once the pin is down, the nightguard can be put through lateral excursions, if desired.

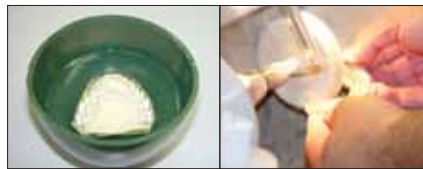


6 Remove the model from the articulator and paint the appliance with Eclipse Air Barrier Coating. Immediately process (menu #7) in the Eclipse Processing Unit. Upon completion of the curing cycle, allow the appliance to cool down to room temperature before rinsing off the Air Barrier Coating.

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7 Re-mount on the articulator and verify the occlusion if necessary.



8 Soak the appliance on the model in tap water for approximately 10 to 15 minutes to re-hydrate the cast and facilitate removal from the model.



9 De-cast, finish, and polish. Deliver back to the dental office and the patient.