

#### Fault Finder

- **Material discolours on the soft surface, too much heat. Reduce heating time.**
- Hard material folds when adapting to model, too much heat. Reduce heating time.
- Material does not adapt well to the model, increase heating time. Ensure both sides of the material are heated see above guidelines.

#### Care advice for your appliance

- After brushing teeth brush the top and bottom of the appliance with a soft toothbrush.
- Use cold water to wash the appliance. The appliance can also be cleaned with Retainer Brite or similar cleaning solution.
- Hot water will distort the appliance.
- Rinse well before and after use and dry thoroughly.
- Handle the appliance with care and store in a retainer box when not in mouth.
- When removing the appliance apply equal pressure to all sides of the appliance.
- If the appliance becomes too tight do not force it, call your Orthodontist or Dentist.
- Do not eat or drink when wearing the appliance, as acids in food and drink can considerably reduce the life of the appliance.



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**ICONIC**<sup>TM</sup>  
Dual Laminate

Instructions For Use

### Iconic Dual Laminate Thermoformed Material

- Iconic Dual Laminate is a 2 layer hard (retainer type) & soft (EVA type) thermoformed material.
- Iconic Dual Laminate is designed for the fabrication of thermoformed intra-oral appliances.

### Indications for use

- Iconic Dual Laminate is used to fabricate a variety of thermoformed retainer/mouthguard appliances.
- Iconic Dual Laminate is particularly effective when used in the construction of bruxism appliances, due to its hard wearing occlusal contact surface.
- Iconic Dual Laminate can be bonded to acrylic, and can be used in the construction of Sleep Apnoea appliances.

### Contra-indications

- None known

### Warnings

- Iconic materials are formed at extremely high temperatures. Protective gloves and glasses are recommended at all times, when working with heated material.
- Always allow plastic to cool before removing formed sheet from forming machines.
- Thermoforming machines operate at high temperatures. Take care when operating.
- Never leave the machine unattended when in use.
- The operation of thermoforming should be performed with external air extraction.

### Precautions

- Iconic dual laminate materials should be stored in a dry place away from direct sunlight. If exposed for prolonged periods the material may be prone to degradation and discolouration.
- Iconic materials are to be used only as specifically outlined in these indications for use. Any use of the products inconsistent with these indications for use is at the discretion of and the sole responsibility of the practitioner.

### Precautions continued

- Quality stone or gypsum that produces a hard, dense model is recommended.

### Directions for use

1. Models should be trimmed to a depth of approximately 20-25mm in height
2. Remove the palate of full arch appliances.
3. Apply an insulating liquid to the model, to prevent dust pick up and improve clarity of finished appliance.
4. Vacuum/Pressure form using a machine conventionally used for thermoforming.
5. Because Iconic dual laminate compiles of 2 different densities of thermoformed plastic, depending on the type of thermoforming machine you will need to heat both sides before drawing down the material on the model.
6. Vacuum form machines will require both sides of the material heating before draw down. Heating times should be equal to approximately 20mm of material sag before adapting to model. **Heat soft side of material first following heating times as below.** For best results use Iconic VF1 Vacuum Forming Machine, with rotating table.
7. Allow 10 minutes for the Iconic dual laminate material to cool.
8. Trim and finish the appliance as needed, for best results use Iconic course polishing disks for finish.

3mm Iconic Dual Laminate can be used with cold cure acrylic.

Thickness	Vacuum Heat Time*	Biostar Code*
2mm	45 - 60 Seconds Soft 10 - 15 Seconds Hard	184
3mm	<b>60-75 Seconds Soft</b> <b>15-20 Seconds Hard</b>	254

\*After preheating machine