

Processing Instructions

PRODUCT NAME:

SEAWOLF

COMPOSITION:

Reinforced thermoplastic composite laminate material

THERMOPLASTIC ADVANTAGES:

- Easy to mold - allows for deep heel cups
- Can be reheated and remolded
- Indefinite shelf life - no special storage conditions
- Easy to machine and finish
- Easily post adjusted with heat gun

EQUIPMENT REQUIRED:

Conventional oven, vacuum former with bladder, positive cast, release liner or film (Teflon), and gloves.

FABRICATION PROCESS:

1. Set oven temperature to 400 - 420°F (200 - 215°C), always monitor with thermometer in oven
2. Set blank or panel on release liner and place in oven, refer to table below for recommended time
3. Place the softened blank or material on the mold or cast
4. Promptly close the rubber membrane (bladder) and apply vacuum
5. After about 1-2 minutes, remove molded insert or orthotic and trim as required
 - a) Note: If wrinkles occur, you can reheat the material and reform by applying more pressure to the areas as needed to remove the wrinkle
 - b) If wrinkles persist, place a Poron™ sheet between the heated material and the mold and reform
 - c) Material can be reheated and molded up to three times to meet the desired shape

TYPICAL HEATING TIMES:

PLEASE NOTE: Heating times may vary depending on oven.

DESCRIPTION	THICKNESS (mm)	TYPICAL HEATING TIME AT 400-420°F (200-215°C)
Semi-Rigid	2.3	4 minutes
Rigid	2.5	4½ minutes
Ultra-Rigid	3.0	5 minutes



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