

Enhanced Control

(POLYDOR / ACRYLIC)

A more traditional material selection when seeking maximum biomechanical control. Polydor has replaced Rohador as the top acrylic on the market and has been widely accepted throughout the industry.



Acrylic I

- Acrylic “Polydor” shell
- Intrinsic forefoot posting
- Intrinsic rearfoot posting
- Fits athletic shoes and full cut laced oxfords

Acrylic II

- Acrylic “Polydor” shell
- Intrinsic forefoot posting
- Extrinsic rearfoot posting
- Fits athletic shoes and full cut laced oxfords

Common pathologies:

- Mild to moderate fore foot varus / valgus
- Mild to moderate rearfoot varus / valgus
- Moderate to severe rearfoot varus / valgus
- Plantar fasciitis
- Heel spurs
- Tarsal coalition

Acrylic I and II	Material breakdown by patient weight
	3.5mm Polydor.....Up to 175#
	4.0mm Polydor.....176# to 250#
	5.0mm Polydor.....Over 251#

Engineered Orthotics



Eliminator I (engineered)

- Polypropylene shell (5/32)
- Intrinsic forefoot posting
- Intrinsic rearfoot posting

Common pathologies:

- Mild forefoot varus / valgus
- Mild rearfoot valgus / valgus
- Morton's Neuroma

Eliminator II (engineered)

- Polypropylene shell (5/32)
- Intrinsic forefoot posting
- Extrinsic rearfoot posting

Common pathologies:

- Mild/Moderate forefoot varus/valgus
- Mild/Moderate rearfoot varus/valgus
- Plantar fasciitis
- Heel spurs
- Tarsal coalition
- Calcaneal apophysitis

PROCEDURE

1. Casts are scanned with a 3D laser scanner with heel at neutral.
2. Our database containing 65 pre-corrected modules is then superimposed over the scan of the cast.
3. If one of the modules fits the cast according to the “nine” points of reference, a pre-corrected module is used.
4. In the case that there is no symmetry, the standard correction process is used.

All standard additions and accommodations can be added to these devices with the exception of - medial/lateral flanges, lateral clips, deep heel cups and Morton's extensions in shell

The engineered concept is a unique and innovative process made possible by CAD/CAM technology. This process produces the most economical modality for mild to moderate biomechanical deficiencies.