

Levation™ Bio50 Poured PU 0.30D

INTERNAL CODE: F58

INSITE® Levation™ Bio50 Poured PU insole foam delivers soft cushioning, supportive structure, and active rebound for the best in all-day underfoot comfort. Made with industry-leading 50% Susterra® biomaterial for plant-based sustainability and performance. Poured PU foams are made for shock absorption and a durable compression set, ideal for 3D shape retention and long-term wear.



Applications

- 3D molded insole** | Contoura®, ArchRelief™, Custom
- 3D molded drop-in midsole** | Contoura®, Custom
- 2D molded insole**
- Dual density insole** | Bottom layer

Specs

Hardness	30 Asker C ± 4	ASTM D2240-15e1, 23-2°C, 50+5% RH
Density	0.3 g/cm ³ ± 0.02	ASTM D3574-17, Test A
Tensile Strength	≥ 6.5 kg/cm ²	ASTM D3574-17, Test E, 500+50mm/min
Elongation	≥ 200 %	ASTM D3574-17, Test E, Extensometer, 500+50mm/min
Tear Strength	≥ 0.7 kg/cm	ASTM D374-17, Test F
Resilience	≥ 40 %	ASTM D3574-17, Test H
Compression Set	≤ 7 %	ASTM D3574-17, Test D, 23°C x 22 hours, deflected to 50% thickness

Get the best out of your cushioning with additional **ProvenComfort®** biomechanics testing, conducted at the **INSITE Research & Design Lab in Los Angeles, CA.**