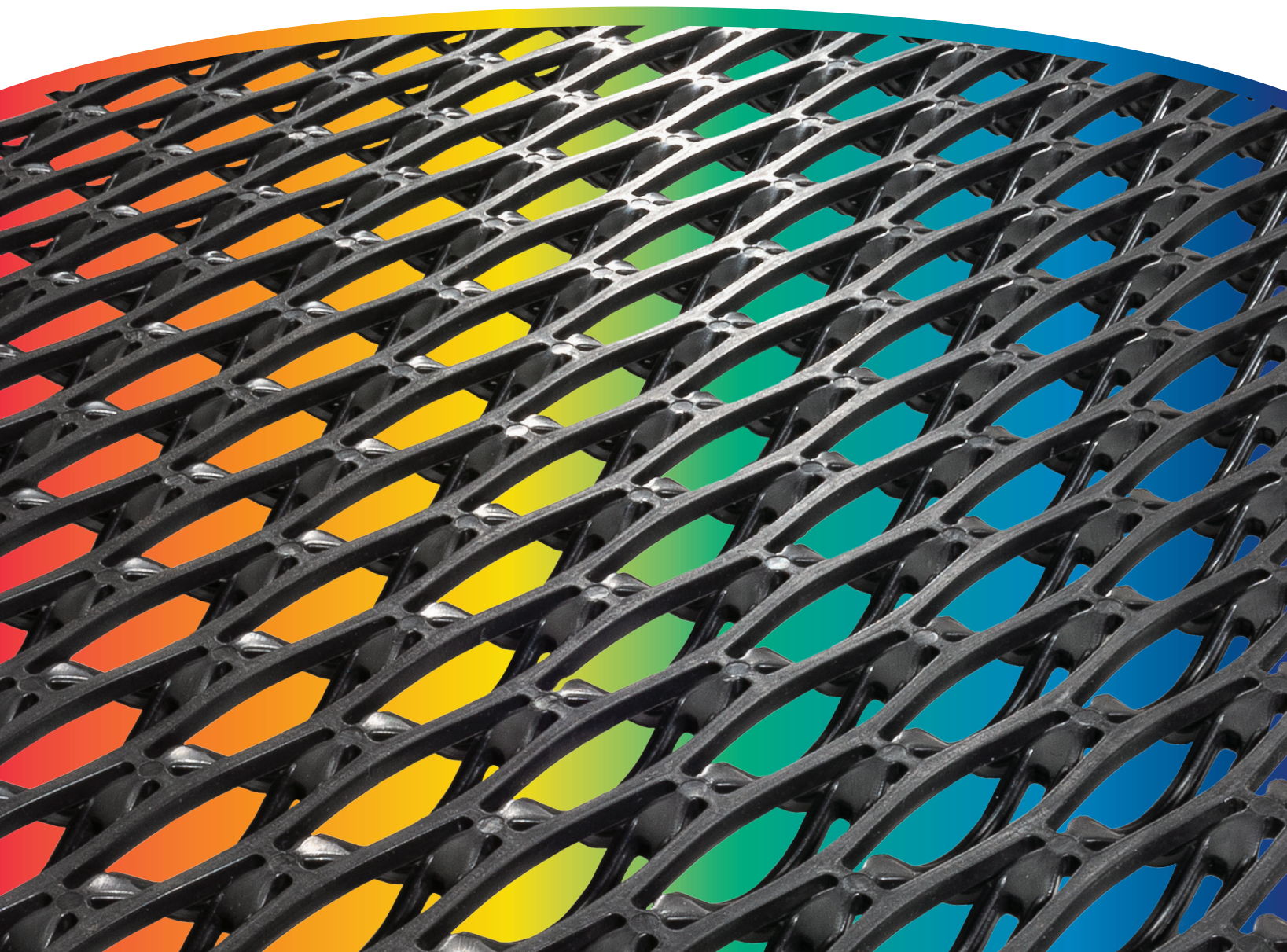




WAVE SPORTS PAD



The Wave is a pre-fabricated pad designed to enhance athlete safety with optimal shock absorption. As players fall, the force of the impact is pulled down and reverberates through the engineered ribs and away from the athlete, rather than being returned straight back up. The Wave is a 15mm high impact injection-molded polypropylene pad made from recycled material and is fully recyclable after use.



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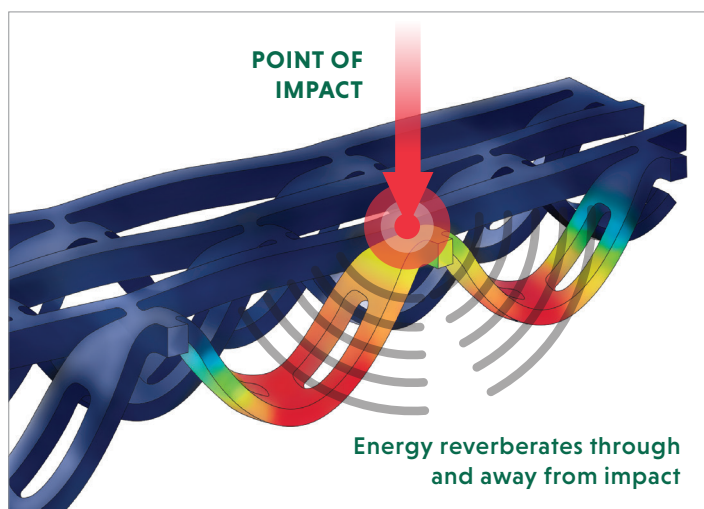
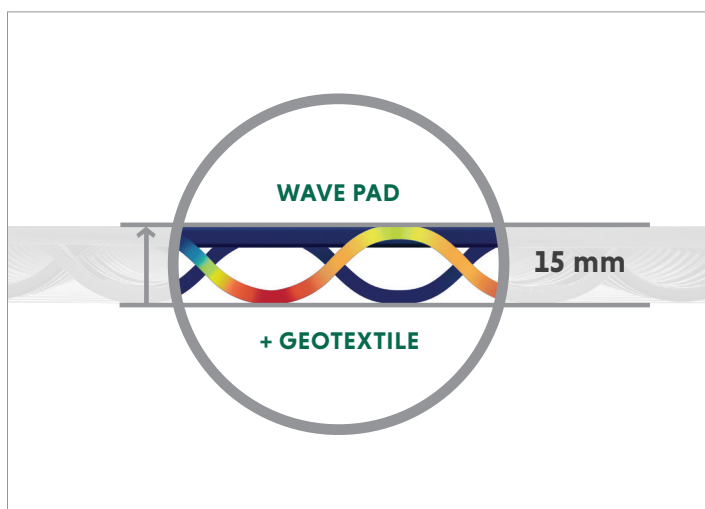
The 15mm Wave pad is designed to enhance field performance and player experience by improving the turf system's shock absorption, energy restitution, and Gmax. The engineered geometry allows the Wave to capture and move forces away from the point of impact, reverberating energy through the ribs of the pad, away from the athlete.

TECHNICAL CHARACTERISTICS

Injection molded tiles	
Recyclable polypropylene	
Horizontal Drainage	>.9 l/s*m
Tensile strength	>7 MPa
Vertical deformation	5 mm
Energy restitution	33.5%

MAIN ADVANTAGES

Easy to install – no adhesive needed
Superior foot stability
Horizontal and vertical drainage; cost efficient and faster subbase construction
Guarantees top performance level with 1.75"-2" turf pile height



STUDY OF VERTICAL DEFORMATION AND STRESS ANALYSIS. F.E.M. FINITE ELEMENTS METHOD

THICKNESS	TILE SIZE	WEIGHT	SHOCK ABSORPTION	SYSTEM GMAX
15mm (+/- 1mm)	48.6" x 31.3"	56 oz./sq. yd.	>65%	<100