

max FLO⁺

SHOCK PAD



MAX FLO+ SHOCK PAD

Max Flo+™ is an expanded polypropylene shock pad. Max Flo+, available with and without perforation, is a pre-fabricated system that consists of a formed expanded polypropylene. It is a highly resilient closed-cell expanded bead product, and is an ideal energy absorbing material for sport surfaces that require impact protection and shock absorption due to the inherent shock absorption properties of expanded polypropylene.



WOODLANDS CHRISTIAN ACADEMY
THE WOODLANDS, TX

max FLO+™

SHOCK PAD

THICKNESS

15mm (+/- 1mm)

20mm (+/- 1mm)

25mm (+/- 1mm)

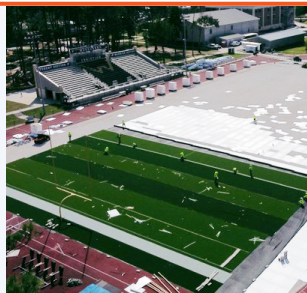
TILE SIZE

4' x 6'

PATENTED



Max Flo+ installation



Installation provides an uninterrupted vertical-to-horizontal flow path for superior rainfall evacuation and enhanced G-MAX performance without changing the ball-action or feel underfoot. The MaxFlo+™ system is engineered for versatility. It can be used in FIFA-approved turf systems and is compatible with both legacy turf fields and non-filled systems. Made from expanded polypropylene, the same high-performance material used in bicycle and motorcycle helmets, MaxFlo+ delivers reliable shock absorption without adding significant cost to the overall system. The proper installation of the MaxFlo+ system reduces G-MAX by up to 50 points.

DYNAMIC SHOCK PAD & DRAINAGE BLANKET

PROPERTIES

Max Flo+ is multi-directional (isotropic) in nature, so unlike traditional extruded products, which yield different properties along the extrusion, vertical and horizontal axis, the properties of the Max Flo+ products are the same for a given density along all three axes, regardless of orientation.

SAFETY FEATURES

Guaranteed Maximum G-Max of field of 135 during 8-year warranty period of turf (ASTM F355 or ASTM 1936) as a system test with infill. Guaranteed 1.3 m critical fall height rating during 8-year warranty period of turf (ASTM F355-16e1) as a system test with infill.

RESILIENT POLYPROPYLENE SHOCK PAD

Horizontal Drainage:
50" per hour minimum

Vertical Drainage:
100" per hour minimum
(On perforated core)

Maximum Initial G-MAX:
Less than 135

RESISTANCE

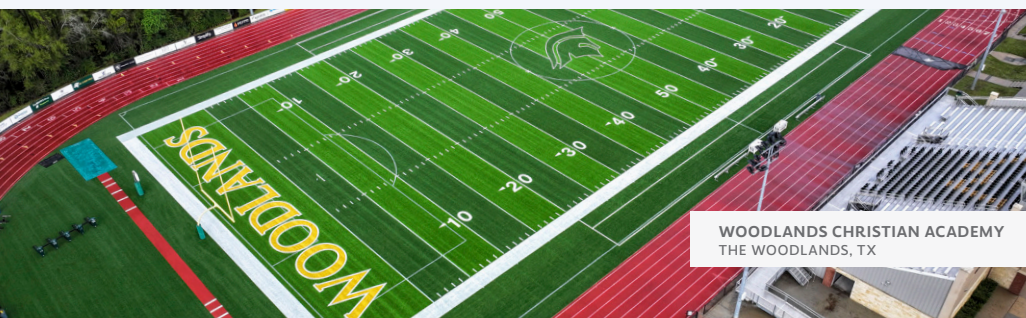
Flammability Resistance TEST

FMVSS-302: Pass

Fuel Immersion Test Coast

Guard (Fuel B): Pass

Chemical Resistance (1 Hour Exposure to Solvents): Pass



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Unless expressly stated otherwise, the product referenced herein is not endorsed by or affiliated with the owners of the photographs of the installed fields.

