

## INFORMATION & SPECIFICATION

### 16mm PRO-TURF PAD



PRO-TURF PAD offers an array of benefits ensuring player comfort and safety, delivering more consistent performance and contributing to more sustainable fields with a smaller environmental footprint.

The structure of the pad allows water to flow into the foam enabling cooling through water evaporation and reducing heat stress for the players and the environment.

#### HIGHLIGHTS

- High-density polyurethane foam
- Dimensional stability
- Structure allows for less than 2% variation in density, compression force and permeability
- High breathability
  
- Performance tested
- Lower surface temperature
- Non-toxic
- Odorless
  
- 100% reusable for multiple field life cycles
- Made from recycled raw materials
- 100% recyclable
  
- Produced in rolls for easier & faster installations
- Little or no equipment needed
  
- 20 year warranty

See page 2 for Technical Data

# PRO-TURF PAD SPECIFICATION & TECHNICAL DATA

Physical Characteristics	Value	Unit	Test Method
Density	15.6 ± 15%	lbs/ft <sup>3</sup>	ISO 845

Strength Characteristics	Value	Unit	Test Method
Tensile Strength	≥ 0.15	Mpa	EN 12230
Tear Resistance	≥ 4.5	N/cm	ASTM D3574F
Compression Resistance (CLD – 40%)	≥ 85	kPa	ISO 3386/I
Dimensional stability	≤ 0.5	%	EN 13746

Field performance characteristics*	Value	Unit	Test Method
Impact attenuation (Gmax) in the field	98	-	ASTM F355-16
Critical Fall Height (Head Injury Criterion ~ 1000)	1.33	m	ASTM 3146
Shock Absorption / Force Reduction**	69	%	ASTM F3189-17
Vertical Deformation**	9.5	mm	ASTM F3189-17
Energy Restitution**	37	%	ASTM F3189-17

\*Results will vary depending on the system and base.

\*\* AAA Data

Performance characteristics	Value	Unit	Test Method
Shock Absorption / Force Reduction**	59	%	ASTM F3189-17
Vertical Deformation**	6.2	mm	ASTM F3189-17
Energy Restitution**	36	%	ASTM F3189-17
Water permeability	≥ 157	in/hr	EN 12616

\*\* AAA Data

Specific Information	Value	Unit	Tolerance
Supplied as	Rolls		
Thickness	16	mm	±1
Width	mm	2050	-0 / +30
Length	m	25	+1%
Color	Grey		
Packaging	The rolls are packed in foil. The rolls are not stacked on pallets but will be loaded in bulk.		

PRO-TURF PAD meets or exceeds the Synthetic Turf Councils' (STC) Performance and Quality Guidelines for Shock Pads.