

# TTII PEAK PERFORMANCE PAD

VIRGIN EXPANDED POLYPROPYLENE IN 14mm / 19mm / 25mm THICKNESSES

## SPECIFICATION SHEET

### SHOCK PAD/DRAINAGE BLANKET PANELS

- 1) Minimum thickness: 14mm, 19mm, 25mm (+/- 1mm)
- 2) Pad Size: 4' x 6' nominal panels
- 3) Pad must be offered in perforated or non-perforated configuration (perforated for base drainage, non-perforated for side drainage)
- 4) Extruded H-rail CLIPS (2 per panel) for ease of installation
- 5) Channels are constructed into the pad for lateral drainage (perforated & non-perforated)
- 6) Provide maximum average G-Max of field of 120 (25mm) 125 (19mm), 135 (14mm) during warranty period of the turf (ASTM F355; System test under infilled turf)
- 7) Minimum warranty: as specified, up to 25 years
- 8) Minimum vertical flow rate: 300"/hour (perforated model)
- 9) Minimum horizontal flow rate: 50"/hour (on perforated or non-perforated)
- 10) Bacterial resistance – no growth EN12225 / ASTM G22-76
- 11) Fungi resistance – no growth ASTM G21-96
- 12) System must provide a minimum Critical Fall Height of 1.3 meters at installation, as installed, with base material (C-33, concrete or asphalt) and turf with infill materials
- 13) Vertical deformation average of 4mm to 11mm when measured with turf and infill system
- 14) A 4-oz psy non-woven filter fabric must be installed between pad and turf
- 15) Pad must not absorb water
- 16) Pad must be made of virgin expanded polypropylene
- 17) Pad must not contain overlaps and must be installed to allow expansion and contraction in all directions
- 18) A minimum 2mm separation between panels is required
- 19) Panels can be clipped or seamed together using a manufacturer's recommended fastening system that allows for expansion and contraction
- 20) Pad is manufactured in the USA

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