



PRODUCT GUIDE

Urban Shock Systems



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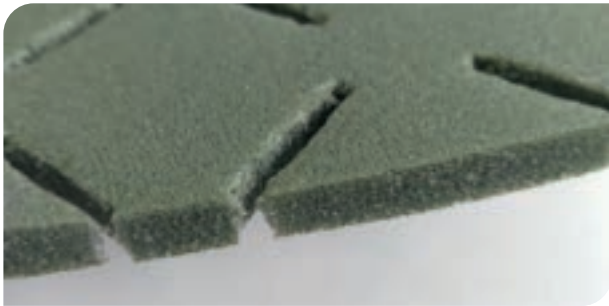
Shock Pad Systems

Introducing our comprehensive range of shock pad systems, designed to provide optimal safety and protection for your outdoor surfaces. Each system consists of a shock pad combined with high-quality grass, resulting in a reliable Critical Fall Height (CFH) measurement. Our shock pad product lineup includes the following options:

SHOCK10

Impact 10mm layer (1.52m x 50m rolls)

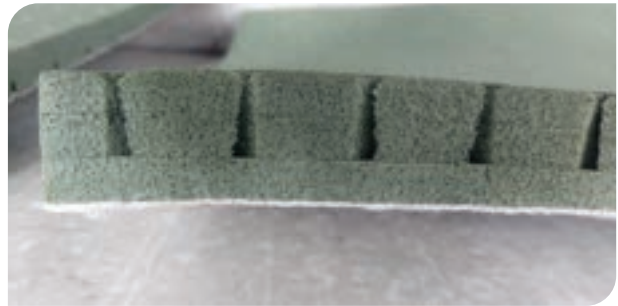
This 10mm shock pad serves as an impact layer to enhance the overall cushioning and comfort of the surface. While it doesn't have CFH testing, it contributes to the safety features of the system.



SHOCK35

35mm 1m x 1m pads (pack of 5)

This advanced shock pad system redefines safety and performance standards. Ideal for a range of applications, Shock35 has undergone rigorous testing with our premium landscape and sporting grasses, ensuring top-tier protection and durability.



SHOCK70

Double layer of 35mm 1m x 1m pads (pack of 5)

Our top-of-the-line solution, the SHOCK70 system, incorporates a double layer of the 35mm shock pad. This advanced configuration maximizes impact attenuation, delivering an exceptional CFH measurement.



Installation Tools

50m joining tape, knife, heat gun and tape roller.



Choose our shock pad systems for unparalleled protection, exceptional performance, and peace of mind. Safeguard your outdoor areas with confidence and enjoy the benefits of a reliable CFH measurement.

CFH (Critical Fall Heights)

Test results are on a concrete base.

Sand in-fill: Must be to the higher specified m² rate as per our SPEC sheets. I.e. Urban Windsor sand in-fill is recommended at 10-12kg m², so for Windsor use 12kg per m². For all other Urban Turf Solutions products use the higher specified m² sand in-fill rate per kg.

1.51m - 2m CFH

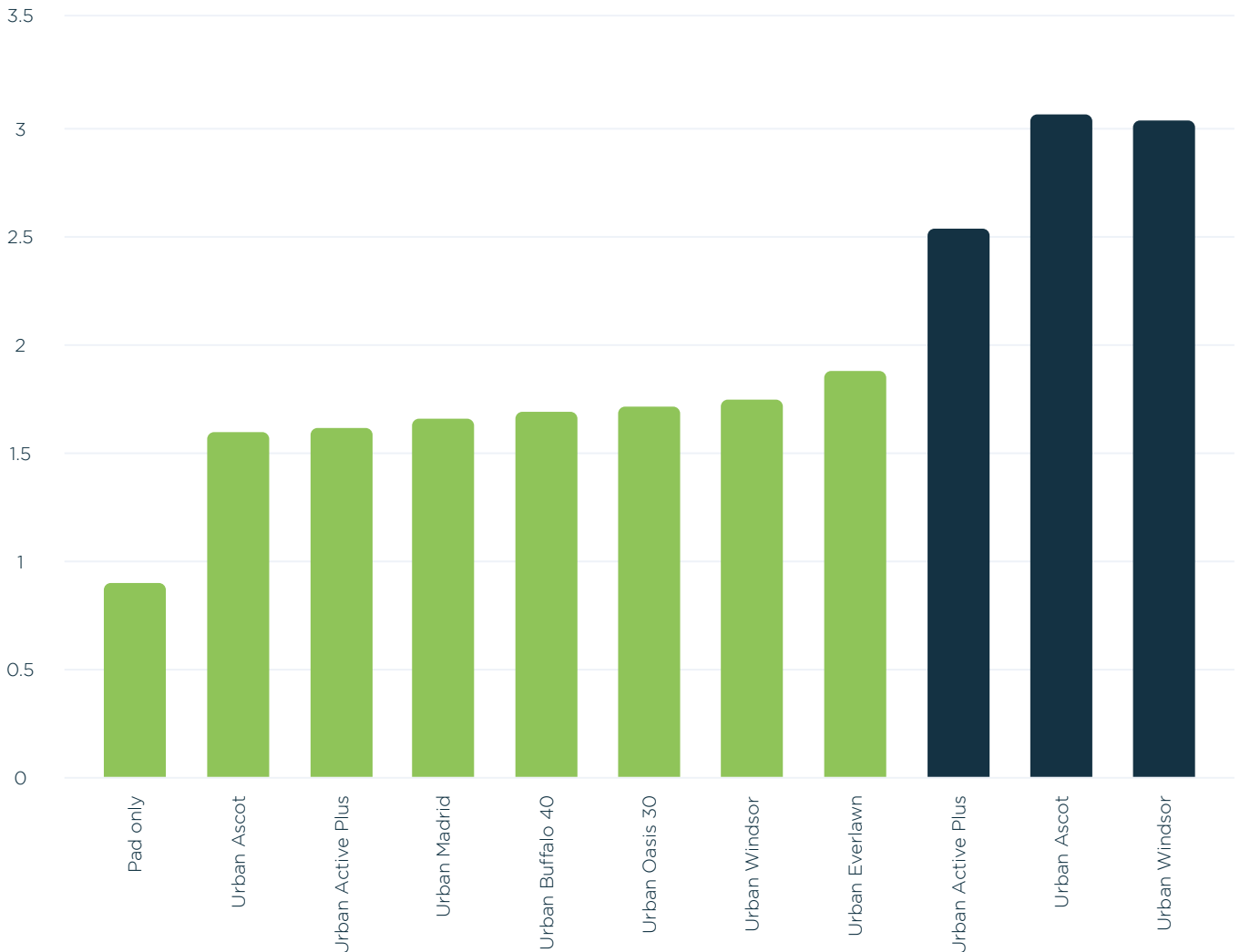
Synthetic Grass Product	Sand In-Fill per m ²	Shock Pad System	CFH Rating
Urban Ascot	8kg	Shock35	1.58
Urban Active Plus	10kg	Shock35	1.6
Urban Madrid	12kg	Shock35	1.64
Urban Buffalo 40	15kg	Shock35	1.68
Urban Oasis 30	12kg	Shock35	1.7
Urban Windsor	12kg	Shock35	1.77
Urban Everlawn	15kg	Shock35	1.8

2.1m+ CFH

Synthetic Grass Product	Sand In-Fill per m ²	Shock Pad System	CFH Rating
Urban Active Plus	10kg	Shock70	2.55
Urban Ascot	8kg	Shock70	3.05
Urban Windsor	12kg	Shock70	3.02

CFH Rating Chart

Shock35 Shock70



Installation Details

35mm

1 Preparation

The sub-base should be level and free from dirt, rubble and anything else on its surface.



2 Taping/joining the 1x1m Urban Shock35 in a stretcher bond pattern.



3 Lay Urban Shock35 in a stretcher bond pattern as shown below.

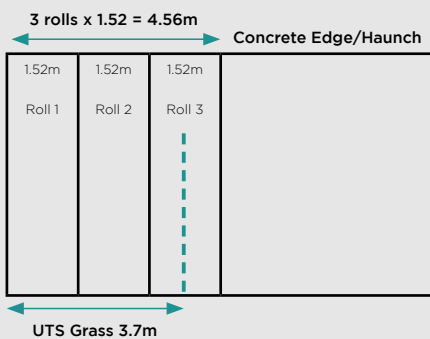
For Urban Shock70 lay in a stretcher bond pattern with the top layer off-set from the bottom.



10mm

1 Progressively lay the 10mm Urban Shock as shown below

Lay 3 roll widths, then lay UTS grass on top.

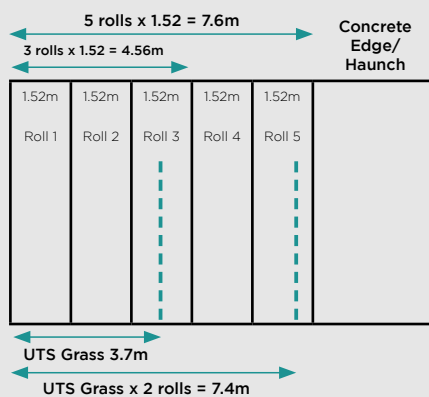


NB: use a string line to ensure the Urban Shock 10mm rolls are straight. Glue Urban Shock 10mm to a concrete edge/haunch min 100mm x 100mm.

Note: do not trim Urban Shock 10mm to size until you are ready to glue to concrete edge.

Place a heavy timber plank or bags of sand on the Urban Shock 10mm to hold in place until the glue sets.

2 Lay another 2 roll widths of 10mm Urban Shock then lay UTS grass on top



Repeat Step 1 for rolls 4 and 5. Continue to repeat until entire area is covered.



4 Heat Welding Urban Shock Tape

Apply tape evenly to the centre of the join ensuring there is no gap. Press the tape down with your palm as you apply. Then go over the tape with a heat gun (start at a distance of 10cm and adjust accordingly), this melts the adhesive and welds the tape to the Urban Shock. Go over the heated tape immediately with a roller to spread the adhesive to create a strong bond.



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