



SYNLAWN® HYBRID

artificial grass never looked more natural.

SPECIFICATIONS	FLEXI WEAR	HI WEAR
Product Code	2003	1201
Hole Size	30mm x 30mm	20mm x 20mm
	Honeycomb Structure	Honeycomb Structure
Pile Denier Straight	6,000 denier / 6 filament	6,000 denier / 6 filament
Pile Denier Curl	4,000 denier / 8 filament	4,000 denier / 8 filament
Pile Height	20mm +/-5%	12mm +/-5%
Pile Weight	800g / m ² +/-5%	700g / m ² +/-5%
Type	Raschel knitting	Raschel knitting
Gauge	80 lines / 1m	96 lines / 1m
Backing Stitches	295 knots / 1m	295 knots / 1m
Pile Stitches	295 stitches / 1m	295 stitches / 1m
Coating Glue	Acrylic glue	Acrylic glue
Products Weight	1,150g / m ² +/-10%	1,300g / m ² +/-10%
Pile Type	Mono-filament and Polypropylene	Mono-filament and Polypropylene
Pile Material	Polyethylene and Polypropylene	Polyethylene and Polypropylene
Pile Shape	Flat	Flat
Warp Yarn	Polyester 2,000 denier	Polyester 4,000 denier
Welft 1 Yarn	Polyester 2,000 denier	Polyester 4,00 denier
Welft 2 Yarn	Polyester 2,000 denier	Polyester 4,000 denier
Warp, Weft Weight	200g / m ² +/-5%	350g / m ² +/-5%
Piles	23,600 x 14 (330,400) piles / m ²	28,320 x 14 (396,480) piles / m ²
Glue Weight	150g / m ² +/-5%	250grams / m ² +/-5%
Packing Width	2m	2.4m
Packing Length	5m, 10m, 25m	5m, 10m, 25m

Side View



Backing



Surface



Natural grass is integrated into the honeycomb base structure, with each honeycomb cell allowing the natural grass to grow through the cell and start an integration process. The integration strengthens the wear area of the naturally growing grass.

1. Measure and mark out the area you wish to cover with SYNLawn Hybrid. Allow for the SYNLawn Hybrid to be pushed into the soil 10mm deep around the edges.
2. If you are installing:
 - a) Over existing natural grass - then remove weeds and foreign grasses. Mow the grass as low as possible (20mm is ideal or otherwise put the mower on lowest level).
 - b) Over new natural grass – roll out the new turf in the area as required (*Photo 1*).
3. Roll out the SYNLawn Hybrid over the area. Cut to size with a good pair of scissors (*Photo 2*).
4. SYNLawn Hybrid will align itself with the natural contours of the ground. If the surface is uneven then top dress the area 50/50 sand/soil mix.
5. Cut into the edge of the area with a spade or bed knife. Push the SYNLawn Hybrid 10mm into the soil to secure it (*Photo 3*). Start from the middle and work your way out towards the ends. Make sure you have good tension on the SYNLawn Hybrid. Work down one side first then stretch it in place on the other side.
6. Use a hammer and Biodegradable pegs to anchor the edges and secure it in place. Place pegs in the centre of the area at 5m intervals (*Photo 4*).
7. If you are joining 2 pieces of SYNLawn Hybrid you can do so by either using cable ties, stitching the material together or just pushing both pieces into the soil side-by-side (*Photo 5*).
9. Top dress the final area with sand and then give it a water.
10. As the grass grows through the SYNLawn Hybrid you can continue with regular lawn maintenance, however, avoid mowing the lawn too short. It is best to keep your grass a little longer to help with the high traffic.

