

Mondo Supercourt



Latest generation artificial turf, manufactured with 22 tufts/dm, resulting in 46.200 tufts/m². Filament height of 10 mm and 10.000 dtex.

The Supercourt XN system combines a filament height of 10 mm and a rib of 250 micron thickness and 6.000 asymmetric ribs, acting as lateral support, an excellent balance between the two.

Both filaments are made from polyethylene, offering excellent resistance to UV rays, to heat, to cold and to abrasion.

The Supercourt XN filaments are connected to the backing with a double layer of polypropylene, ensuring the exceptional dimensional stability. Polyurethane is incorporated into the backing, obtaining a tear resistance of approximately 2.208 g/m² with a maximum elongation of 10%.

The lower layer is achieved during installation through a ballasting process made with a 97% silicon content with a particle size between 0,2 - 0,6 mm, and is applied at a thickness of 20 mm.

The MONDOTURF range of artificial grass systems has been developed to ensure that the XN artificial turf carpet must be installed on a flat and if possible "rough" surface and must be avoided:

- Carpet on surface
- Carpet on NWF (non-woven fabric) substrates
- Carpet on hard, smooth surfaces such as marble, ceramics, highly compacted earth, etc.

Trimming by at least 3.0 cm is required along the entire perimeter. As far as possible, use a turf system that can prevent the natural movement of the carpet. The joints between the two components are made with two-component epoxy-polyurethane adhesives. The line marking for play is usually made with a special marking paint.

The carpet of this system is laboratory certified in accordance with **GREENGUARD** Gold.

The system of artificial grass surfaces is manufactured in accordance with the design, development, production, marketing, installation and maintenance of the system in accordance with the UNE 166002 standard relating to the design, development, production, marketing, installation and maintenance of artificial grass surfaces and synthetic fibre materials. Furthermore, it is manufactured in accordance with environmental management systems regarding the design, development, production, marketing, installation and maintenance of the surface.

Carpet composition		Carpet Properties	
Yarn type:	Monofibres STX Text. & XNOVA 4.000 Text	Yarn dtex (average):	10.000 dtex (± 10%)
Yarn Composition:	100% POLYETHYLENE	Yarn Thickness:	250 / 160 µm (± 10%)
Color:	Green, Blue, Red	Yarn Height:	10 mm (± 5%)
Backing type:	2 layers/ 215 g/m ²	Stitches per linear dm:	22 tufts/dm
Backing Composition:	PP / PP	Stitches m ² :	46.200 tufts/m ² (± 10%)
Covering type:	Polyurethane (PU)	Number of filaments/m ² :	554.400
Tufting Process:	Line Tufting	Water Permeability:	500 mm/h (solo pistas outdoor)
Gauge:	3/16"	Maximum roll size:	20,45 x 4 m
Carpet Weights		Recommended Infills	
Yarn Weight:	1.393 g/m ² (± 10%)	Stabilizing Infill:	Quartz sand, rounded, washed and dried
Backing Weight:	215 g/m ² (± 5%)	Article size (range):	0,2 - 0,6 mm
Coating weight:	600 g/m ² (±10%)	Quantity:	10 kg/m ²
Total weight:	2.208 g/m ² (±10%)		