

Hockey

PRODUCT INFO
DESSO SPORTILUX



“Desso Sportilux, the hockey field for top players!”

The introduction of artificial grass to the sport of hockey has had an enormous impact on the game and the technical skills of the players. For the higher level hockey player, the surface of choice for training and matches is always a water-based pitch.

As early as 1986, Desso Sports Systems developed Desso Sportilux, the first water-based surface for these players. Since then, top level hockey has become more dynamic thanks to the fast surface, excellent sliding possibilities and the consistent playing qualities. In addition, this hockey surface offers the players optimal comfort and shock absorption – an important benefit for top hockey players, who spend many hours on the field each week. On a Desso Sportilux field, experienced hockey players can play the game, the way they want.

Desso Sportilux incorporates a fibre with a unique micro helical curl design and special “honeycomb” fibrillation pattern, which creates a surface with the exact performance requirements to encourage hockey development at all levels. In addition to criteria such as fast, smooth ball roll and even regular bounce, the design encourages the retention of water, whether it is provided by precipitation or through an irrigation system. The structure of Desso’s own yarn helps trap the water, storing it within the fibre itself.

For a top quality water-based field to play well throughout its life-span, a perfect installation is very important. With Desso Sportilux, Desso has built up a unique wealth of experience, not only in artificial grass development, but also ‘in the field’. After all, Desso has over 20 years expertise in both producing, and installing Desso Sportilux pitches using our own installation team. This has allowed installation techniques to be developed and improved on.

Desso Sportilux has a reputation in the international hockey world as a top quality system. The hosting of many prestigious tournaments, top hockey clubs selecting a Desso Sportilux surface and the long years of play they experience are a testament to this.

Desso Sportilux, for absolute top performance

- top-level technical hockey
- extremely effective for 3D-hockey
- slides possible
- precise ball control
- ultimate player comfort thanks to effective cushioning
- allows players to experience a technically high quality performance game
- optimal water retention thanks to the special fibre and very dense tuft construction
- polypropylene fibre for the best grip



picture: Jaap Nauta - location: HCKZ



picture: Jan Deknatel - location: HCKZ



picture: Jaap Nauta - location: HCKZ

Desso Sports Systems

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Technical specifications **Desso Sportilux**

Description	Reference	Sportilux SD3 I	Sportilux SD37
		Specification	Specification
Production Method	DIN 61151	Tufted (straight), cutpile	Tufted (straight), cutpile
Pile component	DIN 61151	S yarn, curled fibrillated fibre, 100 % polypropylene, UV resistant, 6600 dtex, thickness 50µ	S yarn, curled fibrillated fibre, 100 % polypropylene, UV resistant, 6600 dtex, thickness 50µ
Coating / secondary backing	DIN 61151	Waterpervious SBR latex	Waterpervious SBR latex
Primary backing	DIN 61151	Polypropylene woven Glasfibre + Polyester reinforced	Polypropylene woven Glasfibre + Polyester reinforced
Pile height above backing		13 mm	13 mm
Total thickness		15 mm	15 mm
Pile gross weight		Ca 1393 g/m ²	Ca 1635 g/m ²
Primary backing weight		360 g/m ²	360 g/m ²
Weight coating		Ca 1150 g/m ²	Ca 1150 g/m ²
Total weight	DIN 53854	Ca 2903 g/m ²	Ca 3145 g/m ²
Gauge		3/16"	3/16"
# tufts	ISO 1763	Ca 310 /m	Ca 370 /m
# knots	ISO 1763	Ca 65402 /m ²	Ca 78000 /m ²
# filaments		- (130804 /m ²)	- (156000 /m ²)
Width		5 m	5 m
Roll length		Max. 70 m	Max. 70 m
Colour		Green	Green
Marking lines		White / yellow	White / yellow

Desso Sports artificial turf should be installed according to Desso Sports Systems installation instructions. Maintenance is the basis for retaining sportfunctional properties and appearance level.

Desso Sportilux, many years of service at international level

- the FIH Global Quality Approved-label
- extremely durable system compared to other types of water-based field systems
- ideal for national and international competitions at the highest level
- perfect installation
- proven world class experience, since the first installation in 1986
- hosted many FIH tournaments, European hockey cup Men, Champions Trophy women, Hockey junior world cup, World cup, ...
- Desso Sportilux fields at leading hockey clubs:
HC Bloemendaal, Wagener stadium (Dutch National Hockey stadium), HC Den Bosch, HC Braxgata (Belgian National training centre), HC Klein Zwitserland, SV Kampong...

“Desso Sports Systems has an international reputation as the reference in hockey artificial turf fields.”

Philip Dubois, former chairman of Braxgata hockeyclub

Desso hockey pitches; successful since 1980

1980	Desso breaks new ground with the development of the first sand-filled artificial hockey pitch
1986	First Desso Sportilux water-based pitch for elite hockey installed
1997	First Desso ActionTurf nylon water-based pitch for elite hockey installed
2001	Desso Trophy created to give water-based feel at a sand-dressed price
2005	Desso Trophy L developed to provide a multi-sport budget-friendly solution
2008	Introduction of Desso Dynamix: the first water-based pitch with nylon & PP fibres

Desso hockey:
the complete product range for every ambition and every budget



Chelmsford HC
Chelmsford / UK



Champions Challenge
Braxgata - Boom / Belgium



Wagener Stadium
Amstelveen / The Netherlands



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