

# Hockey

PRODUCT INFO  
DESSO TROPHY



**“Desso Trophy, the best of both worlds!”**

Of all the sports played in the world, hockey has been the most influenced by the introduction of artificial grass. Both the speed of the game and the technical development of the players have been changed beyond recognition. Whilst many players would like to train and play matches on a top quality water-based pitch, Desso recognises that not everyone can have a water-based facility.

With this in mind, Desso has developed **Desso Trophy**. Its unique micro helical curl design and special fibrillation pattern 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. This further improves the playability of the surface and creates a pitch with performance that's difficult to distinguish between sand-dressed and water-based.

This sand-dressed surface has been developed by Desso's in-house R&D team using their many years of experience in developing hockey systems for both the world-class elite and the broad base of amateur clubs. Players can also slide on a Desso Trophy pitch. All in all, a top quality hockey surface that provides the advantages of a water-based pitch at a very attractive price as numerous customers can confirm.

For those clubs preferring a slightly less dense surface to suit their budget, Desso has created **Desso Trophy L**. This surface retains all the key characteristics of the Desso Trophy surface, but also offers the opportunity for other sports to be played.

## Desso Trophy

- can be played on wet or dry
- hard-wearing with very high degree of tuft density
- good grip and slide, with ball-rolling speed as on a water-based pitch
- actions possible in 3 dimensions
- FIH standard; makes international games possible
- suitable for hockey as the main sport, but a small amount of football is also played

## Desso Trophy L

- can be played on wet or dry
- less dense than Desso Trophy, but still hard-wearing
- a high standard of hockey at budget-friendly price
- good grip and slide
- can be used for training and competition
- Ideal for multi-sport use



### Desso Sports Systems

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## Desso Trophy / Desso Trophy L: attractive investments

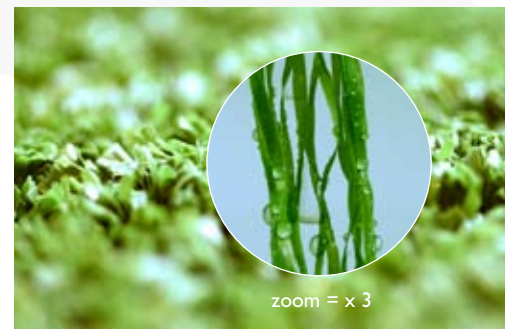
- can be installed on an existing sub-base
- for training and competition
- club-friendly price
- long life thanks to PP fibre

### Technical specifications **Desso Trophy**

| Description                 | Reference  | Trophy  | Trophy L  |
|-----------------------------|------------|---|---|
|                             |            | Specification   | Specification   |
| Production Method           | DIN 61 151 | Tufted (straight), cutpile  | Tufted (straight), cutpile  |
| Pile component              | DIN 61 151 | S yarn, curled, fibrillated fibre, 100 % polypropylene, UV resistant, 6600 dtex, each 50µ thickness | S yarn, curled, fibrillated fibre, 100 % polypropylene, UV resistant, 6600 dtex, each 50µ thickness |
| Coating / secondary backing | DIN 61 151 | Waterpervious SBR latex   | Waterpervious SBR latex   |
| Primary backing             | DIN 61 151 | 100% polypropylene woven  | 100% polypropylene woven  |
| Pile height above backing   |            | 20 mm   | 20 mm   |
| Total thickness             |            | 22 mm   | 22 mm   |
| Pile gross weight           |            | Ca 1767 g/m <sup>2</sup>  | Ca 1402 g/m <sup>2</sup>  |
| Primary backing weight      |            | 153 g/m <sup>2</sup>  | 153 g/m <sup>2</sup>  |
| Weight coating              |            | Ca 1000 g/m <sup>2</sup>  | Ca 1000 g/m <sup>2</sup>  |
| Total weight                | DIN 53854  | Ca 2920 g/m <sup>2</sup>  | Ca 2550 g/m <sup>2</sup>  |
| Gauge                       |            | 3/16"   | 3/16"   |
| # tufts                     | ISO 1763   | Ca 280 /m   | Ca 210 /m   |
| # knots                     | ISO 1763   | Ca 59000 /m <sup>2</sup>  | Ca 44304 /m <sup>2</sup>  |
| # filaments                 |            | - (118000 /m <sup>2</sup> )   | - (88609 /m <sup>2</sup> )  |
| Width                       |            | 5 m   | 4 m   |
| Roll length                 |            | Max. 75 m   | Max. 75 m   |
| Colour                      |            | Green   | Green   |
| Marking lines               |            | White / yellow  | White / yellow  |
| Total Infill height         |            | 17 mm   | 16 mm   |
| Type of Infill              |            | Sand (roundness >80%): 0,5 – 1,0 mm   | Sand (roundness >80%): 0,5 – 1,0 mm   |
| Infill weight               |            | 21 kg/m <sup>2</sup>  | Ca 24 kg/m <sup>2</sup>   |



Desso Trophy  
Hockey test at Desso Sports Systems



The special 'honeycomb'-incision of the fibre retains the water even better



Park Lane High School  
South Halifax UK

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.

Clifton College (UK), Winchester College (UK), Ashford Hockeyclub (UK)

*“Since HC Astén-Someren began using its Desso Trophy field, the club has truly blossomed.”*

Wil Hoebergen, former chairman of HC Astén-Someren

Nijmeegse Mixed Hockey Club (NL), Hockeyvereniging HIC (NL), HC Mop Vught (NL)

### 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             |
|      | <b>Desso hockey:</b> the complete product range for every ambition and every budget           |



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