



**“Desso Rugby Pro: for intensive use of the field at all levels”**

All local authorities and clubs want to get the most out of their sports facilities. So, with this in mind, Desso Sports Systems has developed an extremely resistant synthetic grass that can withstand intensive use at all levels, from training to official competitions, on a long term basis.

Desso Rugby Pro incorporates a brand new technology for preserving the original play-quality levels for sporting activities. Its fibres are durable and compliment the physical qualities of the game of rugby.

During its development, to ensure that Desso Rugby Pro has the right balance of qualities, new testing methods have been developed with Ghent University. Sliding on artificial grass, for example, used to be feared by players, however, by developing a sliding behaviour test, friction levels can be quantified. This has led to an adjustment in yarn chemistry to lower the frictional heat experienced during a sliding tackle. Now players can tackle in technical and safe conditions that comply with IRB requirements and, in particular, meet the HIC required for this discipline.



**Desso Rugby Pro, consistent game characteristics:**

- Soft fibres for safe tackles
- A recovery memory that allows the fibres to regain their position
- Looks like natural grass
- Available in different pile heights to suit various sports
- Easy and inexpensive maintenance
- A pitch that is always playable



**Desso Sports Systems**  
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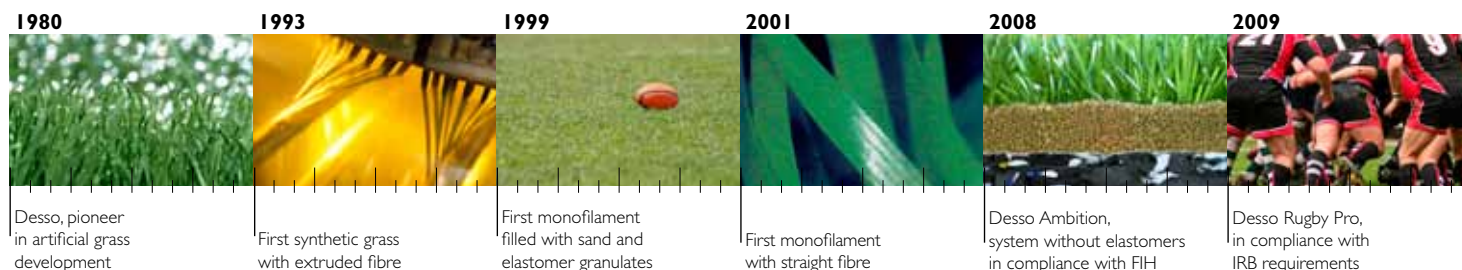
## Technical specifications **Desso Rugby Pro 65 - 70**

Description	Reference	Specification
Production Method	DIN 61151	Tufted (straight), cutpile
Pile component	DIN 61151	Desso Rugby Pro, straight non-fibrillating fibre (8 monofilaments each 210µ thickness), 100% polyolefin, UV resistant, 12100 dtex
Coating / secondary backing	DIN 61151	Waterpervious SBR latex
Primary backing	DIN 61151	Polypropylene and Polyester woven + fleece
Pile height above backing		65 mm - 70 mm
Total thickness		67 mm – 73 mm
Pile gross weight		Ca. 1486 g/m <sup>2</sup> - Ca. 1593 g/m <sup>2</sup>
Primary backing weight		215 g/m <sup>2</sup>
Weight coating		Ca. 1100 g/m <sup>2</sup>
Total weight	DIN 53854	Ca. 2801 g/m <sup>2</sup> - Ca. 2909 g/m <sup>2</sup>
Gauge		3/4"
# tufts	ISO 1763	Ca. 160 /m
# knots	ISO 1763	Ca. 8559 /m <sup>2</sup>
# filaments (# piles)		Ca. 136 944 /m <sup>2</sup> (17118 /m <sup>2</sup> )
Width		5m – 4m
Roll length		Max. 75m
Colour		Green / Olive
Marking lines		White / yellow
Total Infill height		Ca. 43 mm – Ca. 50 mm
Type of Infill		Quartz sand (Roundness > 80%): 0,2 – 0,8 mm, rubber
Infill weight		Depends on subbase, use of shock absorbing layer and type of infill



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, leader in the development of mono filament technology



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