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RUGBY

RUGBY

670

EXCELLENCE

PRO



Perfect for rugby, this durable artificial grass is designed to withstand intense play, featuring a bicolor green blend for a natural look and superior performance.

Product characteristics		Unit of measure	Data	Tolerance	
i	Pile height	mm	65	+/- 5 %	
	Yarn length	mm	142	+/- 5 %	
	Gauge		5/8		
	Stitch rate for sqm	nr	8.000	+/- 10 %	
	Filaments for sqm	nr	96.000	+/- 10 %	
	Needles for sdm		6,25		
	Water permeability	l/h for sqm	1000 L/H		
	Total weight	gr/sqm	2.713	+/- 10 %	
	Roll width	m	4,10	+/-1,00%	
	Rolls length	m	upon request	+/-1,00%	
	Yarn characteristics		Unit of measure	Data	Tolerance
	⚙️	Yarn count	dtex	13.500	+/- 6 %
		Thickness	micron	345	+/- 6 %
Composition			100% Polyethylene		
Yarn shape			Monofilament sect.S		
Color			Bicolour (light and dark green)		
Total yarn weight		gr/sqm	1.540	+/- 5 %	
Backing characteristics		Unit of measure	Data	Tolerance	
🌀	Primary backing composition (first and second layer)		100% Polypropylene		
	Primary backing weight	gr/sqm	223	+/- 6 %	
	Coating		LATEX		
	Weight of coating	gr/sqm	950	+/- 6 %	






Infill recommendations	Unit of measure	Data	Tolerance
Silica sand			
Granulometry	mm	0.295-1	+/- 10 %
Apparent density	gr/cm3	1,50	+/- 15 %
Friability	%	20,00	
Water permeability	cm/h	>50	
Quantity	kg/sqm	28	+/- 5 %
SBR rubber			
Granulometry	mm	0.6-2.5 EN 933	+/- 10 %
Apparent density	kg/dm3	0,48	+/- 0,02
Water permeability	cm/h	>50	
Specific weight	kg/dm3	1,19	+/- 0,02
Elasticity/flexibility range	Celsius degrees	-20/+70	
UVA/UVB resistance		Excellent	
Quantity	kg/sqm	16	+/- 5 %



670 MONOTOP



Top-quality rugby grass engineered with a cross-linked monofilament yarn for durability, offering excellent performance with a bicolor green design for enhanced realism.

	Product characteristics	Unit of measure	Data	Tolerance
	Pile height	mm	65	+/- 5 %
	Yarn length	mm	142	+/- 5 %
	Gauge		5/8	
	Stitch rate for sqm	nr	8.000	+/- 10 %
	Filaments for sqm	nr	96.000	+/- 10 %
	Needles for sdm		6,25	
	Water permeability	l/h for sqm	1000 L/H	
	Total weight	gr/sqm	2.993	+/- 10 %
	Roll width	m	4,10	+/-1,00%
	Rolls length	m	upon request	+/-1,00%
	Yarn characteristics	Unit of measure	Data	Tolerance
	Yarn count	dtex	16.000	+/- 6 %
	Thickness	micron	500	+/- 6 %
	Composition		100% Polyethylene	
	Yarn shape		Cross linked monofilament	
	Color		Bicolour (light and dark green)	
	Total yarn weight	gr/sqm	1.820	+/- 5 %
	Backing characteristics	Unit of measure	Data	Tolerance
	Primary backing composition (first and second layer)		100% Polypropylene	
	Primary backing weight	gr/sqm	223	+/- 6 %
	Coating		LATEX	
	Weight of coating	gr/sqm	950	+/- 6 %



Infill recommendations	Unit of measure	Data	Tolerance
Silica sand			
Granulometry	mm	0.295-1	+/- 10 %
Apparent density	gr/cm3	1,50	+/- 15 %
Friability	%	20,00	
Water permeability	cm/h	>50	
Quantity	kg/sqm	29	+/- 5 %
SBR rubber			
Granulometry	mm	0.6-2.5 EN 933	+/- 10 %
Apparent density	kg/dm3	0,48	+/- 0,02
Water permeability	cm/h	>50	
Specific weight	kg/dm3	1,19	+/- 0,02
Elasticity/flexibility range	Celsius degrees	-20/+70	
UVA/UVB resistance		Excellent	
Quantity	kg/sqm	16	+/- 5 %



650



ECONEXT

EXCELLENCE PRO



A highly resilient rugby surface featuring advanced monofilament technology with ECONEXT and bicolor green design, combining superior strength and sustainability for optimal playability and comfort.

Product characteristics		Unit of measure	Data	Tolerance	
i	Pile height	mm	65	+/- 5 %	
	Yarn length	mm	146	+/- 5 %	
	Gauge		5/8		
	Stitch rate for sqm	nr	8.000	+/- 10 %	
	Filaments for sqm	nr	96.000	+/- 10 %	
	Needles for sdm		6,25		
	Water permeability	l/h for sqm	5000 L/H		
	Total weight	gr/sqm	2.301	+/- 10 %	
	Roll width	m	4,04	+/-1,00%	
	Rolls length	m	upon request	+/-1,00%	
	Yarn characteristics		Unit of measure	Data	Tolerance
g	Yarn count	dtex	13.500	+/- 6 %	
	Thickness	micron	345	+/- 6 %	
	Composition		100% Polyethylene		
	Yarn shape		Monofilament sect.S		
	Color		Bicolour (light and dark green)		
	Total yarn weight	gr/sqm	1.580	+/- 5 %	
	Backing characteristics		Unit of measure	Data	Tolerance
	c	Primary backing composition (first and second layer)		Polypropylene/Poly-ester	
Primary backing weight		gr/sqm	421	+/- 6 %	
Coating			ECONEXT		
Weight of coating		gr/sqm	300	+/- 6 %	



Infill recommendations	Unit of measure	Data	Tolerance
Silica sand			
Granulometry	mm	0.295-1	+/- 10 %
Apparent density	gr/cm3	1,50	+/- 15 %
Friability	%	20,00	
Water permeability	cm/h	>50	
Quantity	kg/sqm	29	+/- 5 %
SBR rubber			
Granulometry	mm	0.6-2.5 EN 933	+/- 10 %
Apparent density	kg/dm3	0,48	+/- 0,02
Water permeability	cm/h	>50	
Specific weight	kg/dm3	1,19	+/- 0,02
Elasticity/flexibility range	Celsius degrees	-20/+70	
UVA/UVB resistance		Excellent	
Quantity	kg/sqm	16	+/- 5 %



650

ECONEXT

MONOTOP



Engineered for rugby with ECONEXT technology, this artificial grass offers long-lasting durability and excellent performance with its cross-linked monofilament and bicolor green design.

Product characteristics		Unit of measure	Data	Tolerance
i	Pile height	mm	65	+/- 5 %
	Yarn length	mm	146	+/- 5 %
	Gauge		5/8	
	Stitch rate for sqm	nr	8.000	+/- 10 %
	Filaments for sqm	nr	96.000	+/- 10 %
	Needles for sdm		6,25	
	Water permeability	l/h for sqm	5000 L/H	
	Total weight	gr/sqm	2.591	+/- 10 %
	Roll width	m	4,04	+/-1,00%
	Rolls length	m	upon request	+/-1,00%
	Yarn characteristics		Unit of measure	Data
⚙️	Yarn count	dtex	16.000	+/- 6 %
	Thickness	micron	500	+/- 6 %
	Composition		100% Polyethylene	
	Yarn shape		Cross linked monofilament	
	Color		TRICOLORS	
	Total yarn weight	gr/sqm	1.870	+/- 5 %
	Backing characteristics		Unit of measure	Data
🌀	Primary backing composition (first and second layer)		Polypropylene/Polyester	
	Primary backing weight	gr/sqm	421	+/- 6 %
	Coating		ECONEXT	
	Weight of coating	gr/sqm	300	+/- 6 %



Infill recommendations	Unit of measure	Data	Tolerance
Silica sand			
Granulometry	mm	0.295-1	+/- 10 %
Apparent density	gr/cm ³	1,50	+/- 15 %
Friability	%	20,00	
Water permeability	cm/h	>50	
Quantity	kg/sqm	31	+/- 5 %
SBR rubber			
Granulometry	mm	0.6-2.5 EN 933	+/- 10 %
Apparent density	kg/dm ³	0,48	+/- 0,02
Water permeability	cm/h	>50	
Specific weight	kg/dm ³	1,19	+/- 0,02
Elasticity/flexibility range	Celsius degrees	-20/+70	
UVA/UVB resistance		Excellent	
Quantity	kg/sqm	16	+/- 5 %

