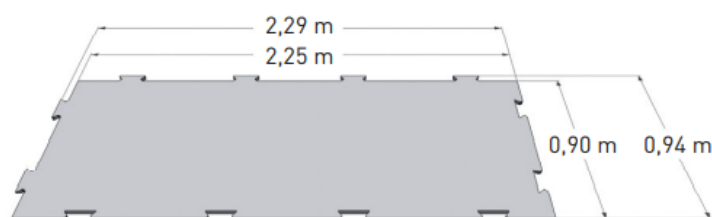


# Aquiles Safe-Base 12 mm

## Technical data sheet



Fysieke karakteristieken	Tolerantie	Waarde	Norm
Dikte bij 2 kPa belasting	± 1	12 mm	EN-ISO 9863-1
Massa per oppervlakte-eenheid	± 0,4	108 kg/m <sup>2</sup>	EN-ISO 9864-1
Vereiste karakteristieken door internationale sportbonden			
Tolerantie		Waarde	Norm
Treksterkte	> 0,15	0,26 MPa	EN 12230
Waterdoorlaatbaarheid (IA)	> 180	36.000 mm/uur	EN 12616
Prestatie karakteristieken		Waarde	Norm
Krachtreductie		/	AAA**
Energie restitutie		/	AAA**
Verticale deformatie		/	AAA**
Schokabsorptie		/	EN 14808
Verticale deformatie		/	EN 14809
Kritische valhoogte (HIC - 1000)		/	EN 1177
Thermische weerstand (R-waarde)		0,24 m <sup>2</sup> .K/W	EN 12667

\*\* Advanced Artificial Athlete

Aquiles BV has the right to alter each product specification in order to improve the artificial grass according to the newest technological applications.

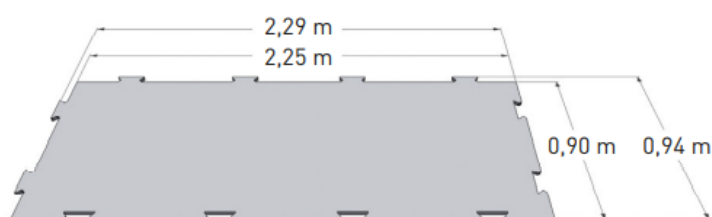
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# Aquiles Safe-Base 25 mm

## Technical data sheet



Physical characteristics	Tolerance	Value	Standard
Thickness at 2 kPa load	± 2	27 mm	EN-ISO 9863-1
Mass per unit area	± 0,41	2,7 kg/m <sup>2</sup>	EN-ISO 9864-1

Performance characteristics	Value	Standard
Force reduction	70%	AAA**
Vertical deformation	11 mm	AAA**
Critical fall height (HIC-1000)	0,8 m	EN 1177
Thermal resistance (R-value)	0,54 m <sup>2</sup> .K/W	EN 12667
Water infiltration rate (IA)	36.000 mm/h	EN 12616

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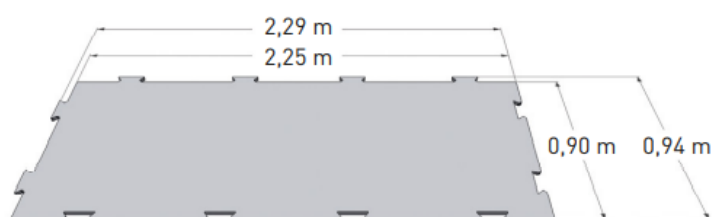
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# Aquiles Safe-Base 35 mm

## Technical data sheet



Physical characteristics	Tolerance	Value	Standard
Thickness at 2 kPa load	± 2	37 mm	EN-ISO 9863-1
Mass per unit area	± 0,50	3,3 kg/m <sup>2</sup>	EN-ISO 9864-1

Performance characteristics	Value	Standard
Force reduction	75%	AAA**
Vertical deformation	13 mm	AAA**
Critical fall height (HIC-1000)	1.3 m	EN 1177
Thermal resistance (R-value)	0,74 m <sup>2</sup> .K/W	EN 12667
Water infiltration rate (IA)	36.000 mm/h	EN 12616

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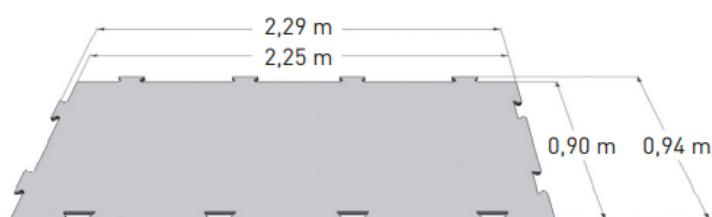
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# Aquiles Safe-Base 45 mm

## Technical data sheet



Physical characteristics	Tolerance	Value	Standard
Thickness at 2 kPa load	± 2	47 mm	EN-ISO 9863-1
Mass per unit area	± 0,60	4 kg/m <sup>2</sup>	EN-ISO 9864-1

Performance characteristics	Value	Standard
Force reduction	78%	AAA**
Vertical deformation	14 mm	AAA**
Critical fall height (HIC-1000)	1.7 m	EN 1177
Thermal resistance (R-value)	0,94 m <sup>2</sup> .K/W	EN 12667
Water infiltration rate (IA)	36.000 mm/h	EN 12616

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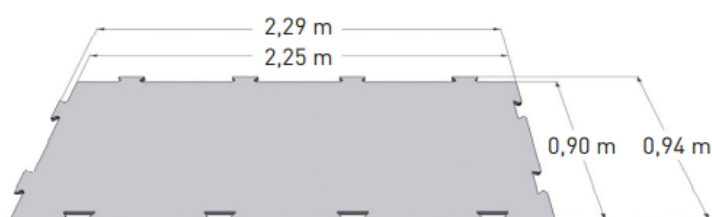
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# Aquiles Safe-Base 55 mm

## Technical data sheet



Physical characteristics	Tolerance	Value	Standard
Thickness at 2 kPa load	± 2	57 mm	EN-ISO 9863-1
Mass per unit area	± 0,69	4,6 kg/m <sup>2</sup>	EN-ISO 9864-1

Performance characteristics	Value	Standard
Force reduction	81%	AAA**
Vertical deformation	15 mm	AAA**
Critical fall height (HIC-1000)	2.0 m	EN 1177
Thermal resistance (R-value)	1.14 m <sup>2</sup> .K/W	EN 12667
Water infiltration rate (IA)	36.000 mm/h	EN 12616

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