

Aquiles Safety-pad 22

Technical data sheet



Description	Value	Standard
Thickness	: 22 mm	EN 9863-1
Mass/unit area	: 770 g/m ²	EN 9863-1
Colour	: black or white	
Dimension	: 1584 mm x 1122 mm (tolerance ± 15 mm)	
Composition	: thermal bonded polyolefin	
Water permeability	: 60.000 mm/h	EN 12616
Horizon waterflow (0,5% slope)	: ± 0,8 l/s.m	EN 12958 / ESTO Guideline
Isolation (thermal conductivity)	: 0,037 W/m.K	EN 12667
Shock absorption	: 65%	Triple A
Vertical deformation	: 8 mm	Triple A
HIC value system	: 1,2 m	EN 1177

Aquiles Safety-pad is installed on a (stabilized) sand foundation of approximately 20 cm. In combination with the specially designed artificial grass "MULTIPLAY 24", the safety-pad ensures perfect drainage, excellent stability and the required HIC-values. After installation, the artificial grass is filled with silica sand (approximately 25 kg/m²) for a durable and wear-resistant surface.

Safety-pad is extremely suitable for public areas, schools, day-care areas, playgrounds, small pitches, sport areas, roofs, etc...

Aquiles has the right to alter each product specification in order to improve the artificial grass according to the newest technological applications. Aquiles is not legally liable in case of non-compliance with the above mentioned specifications.

Aquiles Safety-pad 35

Technical data sheet



Description	Value	Standard
Thickness	: 35 mm	EN 9863-1
Mass/unit area	: 895 g/m ²	EN 9863-1
Colour	: black or white	
Dimension	: 1584 mm x 1122 mm (tolerance ± 15 mm)	
Composition	: thermal bonded polyolefin	
Water permeability	: 60.000 mm/h	EN 12616
Horizon waterflow (0,5% slope)	: ± 0,8 l/s.m	EN 12958 / ESTO Guideline
Isolation (thermal conductivity)	: 0,037 W/m.K	EN 12667
Shock absorption	: 77%	Triple A
Vertical deformation	: 13,6 mm	Triple A
HIC value system	: 2,3 m	EN 1177

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Aquiles Safety-pad 45

Technical data sheet



Description	Value	Standard
Thickness	: 45 mm	EN 9863-1
Mass/unit area	: 973 g/m ²	EN 9863-1
Colour	: black or white	
Dimension	: 1584 mm x 1122 mm (tolerance ± 15 mm)	
Composition	: thermal bonded polyolefin	
Water permeability	: 60.000 mm/h	EN 12616
Horizon waterflow (0,5% slope)	: ± 0,8 l/s.m	EN 12958 / ESTO Guideline
Isolation (thermal conductivity)	: 0,037 W/m.K	EN 12667
Shock absorption	: 79%	Triple A
Vertical deformation	: 14 mm	Triple A
HIC value system	: 3 m	EN 1177

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