



Technical specification

Shock Pad 25mm

Description	Value	Tolerance	Standard
Mass Per Unit Area	3600 g/m ²	975 g/m ²	EN-ISO-9864
Dimensions			
Thickness, p = 2 (kPa)	25mm	0 / +3 mm	EN-ISO-9863-1
Length (of panels)	2.25 m	+/- 3%	
Width (of panels)	0.90m	+/- 3%	
Due to influence of large temperature changes, the panels can expand and/or shrink during the installation			
Format (of panels)	Jigsaw		
Drainage			
Permeability, in-pane, p=2 (kPa) / i=0.03	0.07 l/s.m	0.05 l/s.m	EN-ISO-12958
Permeability, normal to the plane, h=50mm	0.017 m/s	0.005 m/s	EN-ISO-11058
Strength			
Static puncture resistance (CBR)	1848 N	-107/+0 N	EN-ISO-12236
Dynamic perforation test (cone drop)	0 mm		EN-918
Protection efficiency			
*strain at 300 kPa	0.38 %	+/- 0.13 %	EN-13719
*strain at 600 kPa	1.01 %	+/- 0.31%	EN-13719
*strain at 1200 kPa	2.79 %	+/- 0.99%	EN-13719
Durability - Resistance to weathering			
*residual tensile strength	64%		EN-12224
*residual strain	76%		EN-12224
resistance to acids (H ₂ SO ₄)			
*residual tensile strength	102%		EN-14030
*residual strain	102%		EN-14030
Resistance to alkalines CA(OH) ₂)			
*residual tensile strength	71%		EN-14030
*residual strain	78%		EN-14030
Micro-biologic resistance	101%		EN-12225
FOAM			
Polymer type	Cross-linked polyethylene (PEX), 100% closed - celled		
Application temperature range	-80/+100-C		
Melting temperature range	+130/+200°C		
GEOTEXTILE			
Polymer type	Polyester (PET)		
Mass per unit area	70 g/m ²		
Predicted to be durable for a minimum of 25years in natural soils with 4 < Ph < 9 and soil temperatures < 25°C.			
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