TECHNICAL DATA SHEET

PLAYGROUND SAFETY TILES · EPDM







TECHNICAL SPECIFICATION

Product	Resilient rubber flooring with a flat or patterned surface, water-permeable
Material	Top layer EPDM granulate in 24 colours, black SBR base
Dimensions	503 × 503 mm, 503 × 1006 mm, 1006 × 1006 mm (tolerance ±2 mm)
Thickness	30 to 110 mm (tolerance ±2 mm)
Installation	With plastic dowels
Density	750 kg/m³
Reaction to fire	EN 13501-1: D_{fl}
Slip resistance	DIN 51097, class C (24°): high slip resistance under wet conditions
Tensile strength · elongation	0.70 MPa · 47 % at break
VOC emissions	AgBB: pass

THICKNESS AND CRITICAL FALL HEIGHT

THICKNESS, MM	WEIGHT, KG/M²	CRITICAL FALL HEIGHT (HIC), EN 1177:2018
30	21.3	0.91 m
40	24.6	1.23 m
43	26.5	1.43 m
48	26.7	1.64 m
60	34.9	1.90 m
70	42.4	2.14 m
90 (40 + 48)	48.0	2.38 m
100 (40 + 60)	56.0	2.71 m
110 (40 + 70)	64.0	3.02 m

CE Marking according to EN 14041:2005. 90–110 mm are two-layer builds. Choose the thickness by the free fall height of the play equipment above the surface.

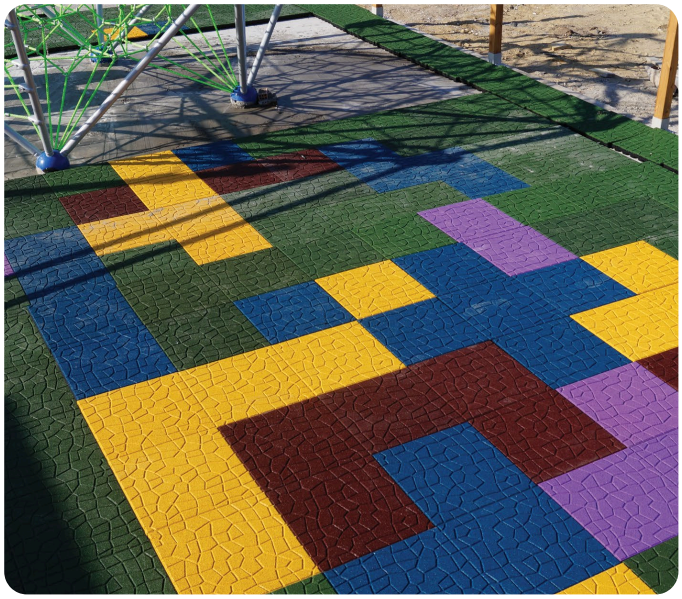
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TECHNICAL DATA SHEET

PLAYGROUND SAFETY TILES · EPDM

Shock-absorbing safety flooring for children's playgrounds, sports areas, promenades, parks, pool decks and other public spaces. The tiles reduce the risk of fall-related injuries and are tested for impact protection to EN 1177:2018.





SAFETY

- Shock absorption reduces the risk of fall-related injuries
- Shock-absorbing bases tested to EN 1177:2018 for head injury criterion (HIC)
- High slip resistance under wet conditions

OUTDOOR AND INDOOR

- Withstands weather, water, frost and UV exposure
- Water-permeable surface
- Installed with plastic dowels

DESIGN

- EPDM top layer in 24 colours keeps its colour and appearance after years of intensive use
- Flat or patterned surfaces for architectural design

SUSTAINABILITY

- Produced from recycled rubber
- AgBB VOC emission test: pass

Prices on request. Request a quote with the playground area and the free fall height of the equipment: info@bullettrapbaltic.com

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