ELTECPUR® sport
Elastic Tiles Premium

MATERIAL CHARACTERISTIC

Description	Mixture/product made from recycled, polyurethane-bonded rubber fibres and granules (SBR or SBR/EPDM)		
Application	Protective tiles from fine rubber granules, pressed under high pressure for floor areas in fitness centres (e.g., CrossFit, exercise machines or spaces for weightlifting exercise) and sports grounds for heavy athletics.		
Properties	Pressure-loadable, impact-resistant, abrasion-resistant, elastic, long-life, recyclable		
Design and equipment	Surface: smooth, pressed under high pressure Bottom side: flat Edges: bevelled Connecting system: for tiles with thickness from 3 cm	Surface: smooth, pressed under high pressure with dummy joints/without dummy joints Bottom side: flat Edges: bevelled Connecting system: for tiles with thickness from 3 cm	
Standard colours	black, red-brown, green		
Special colours	Multicolor 15 in black-grey, black-red, black-yellow, black-blue Multicolor 30 in black-grey, black-red, black-yellow, black-blue Other colours on request		
Thickness	2 cm, 3 cm, 4 cm, 5 cm		
Wedge border element dimensions	50 x 50 cm	100 x 100 cm	
Density (±10%)	930 kg/m^3		
Weight (approximate)	2 cm: 4.7 kg 3 cm: 7.0 kg 4 cm: 9.3 kg 5 cm: 11.6 kg	2 cm: 18.8 kg 3 cm: 28.0 kg 4 cm: 37.2 kg 5 cm: 46.4 kg	
Tolerance	Length: ± 2 %, width/thickness: ± 2 mm		
Temperature range (± 60°C)	20 °C		
Tensile strength (±15%)	Standard colours: 2 N/mm^2 Multicolor 15: 1.3 N/mm^2 Multicolor 30: 1.1 N/mm^2		ISO 1798
Elongation at break	Standard colours: > 85 % Multicolor 15: > 65 % Multicolor 30: > 58 %		ISO 1798
Compressive strength (max.)	0.5 N/mm^2		
Thermal conductivity [200 x 200 x 20 mm] (± 15%)	Standard colours: 0.15 W/mK Multicolor 15: 0.18 W/mK Multicolor 30: 0.18 W/mK		EN 12667

Sport

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MATERIAL CHARACTERISTIC

Water-permeable	conditionally permeable	
Fire behaviour	Standard colours: E_{fl} Multicolor 15: E_{fl} Multicolor 30: D_{fl}-s2	EN 13501-1
Resistance	Water, ice, UV (discolouration is possible due to weather conditions)	
No / conditionally resistant	Fuels, oils, greases, hydrocarbons	
Conformity with French VOC regulation and KMR regulation	Yes (class A+)	
Conformity with AgBB 2021 scheme (German Committee for Health-related Evaluation of Building Products)	Yes	

LEGAL DISCLAIMER

The following information and our technical advice – whether verbal, in writing or by way of trials – are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our advice concerning safety does not release you from the obligation to determine the safety measures designed for your production environment, that we may not be able to anticipate, to check abilities and to inform the people who will use, handle or be in contact with these products.

The products characteristics described in the present technical data sheet may be modified at any time as a result of changes in techniques or regulations and are therefore only valid providing that they have not been cancelled and superseded by a more recent issue.

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