EN

Product data sheet
Version 10/2023

ELTECPUR® sport
SOLUTIONS FOR SPORT

ELTECPUR® sport
Elastic Tiles Premium Special Colors

MATERIAL CHARACTERISTIC

Description	Mixture/product made from recycled, polyurethane-bonded rubber fibres and granules (EPDM as cover layer and SBR as load-bearing layer)	
Application	ELTECPUR® sport elastic tiles in special colours with a cover layer made of fine EPDM rubber granules are protective tiles for floor areas in fitness centres (e.g., CrossFit, exercise machines or spaces for weightlifting exercise) and heavy athletics in various colour combinations.	
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 joint/without dummy joint Bottom side: flat Edges: bevelled Connecting system: for tiles with thickness from 3 cm
Colours	**Load-bearing layer:** Black **Cover layer special colors:** coral red, may green, sandy, lemon yellow, sky blue, Multicolor 30 steel grey: -coral red, -lemon yellow, -sky blue, other EPDM colours on request	
Thickness	2 cm, 3 cm, 4 cm, 5 cm	
Dimensions	50 x 50 cm	100 x 100 cm
Density (±10%)	Load-bearing layer: 845 kg/m^3 Cover layer 1100 kg/m^3	
Weight (approximate)	2 cm: 5.0 kg 3 cm: 7.3 kg 4 cm: 9.6 kg 5 cm: 11.9 kg	2 cm: 20.0 kg 3 cm: 29.2 kg 4 cm: 38.4 kg 5 cm: 47.6 kg
Tolerance	Length: ± 2 %, width/thickness: ± 2 mm	
Temperature range (± 60°C)	20 °C	
Tensile strength (±15%)	1.5 N/mm^2	ISO 1798
Elongation at break	> 52 %	ISO 1798
Compressive strength (max.)	0.5 N/mm^2	
Thermal conductivity [200 x 200 x 20 mm] (± 15%)	0.18 W/mK	EN 12667
Water-permeable	conditionally permeable	

Sport

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MATERIAL CHARACTERISTIC

Fire behaviour	B_{fl}-s1	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

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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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