Tact Enviro Ltd 01458 253395 www.tactltd.com

PRODUCT INFORMATION – TENNIS

Pattern: Tennis has a 'snowflake' pattern. When the tiles are placed together the effect is seamless. The pattern creates very small triangular holes in the tile which allows water to drain and air to circulate. The surface is textured with 'knobs', this provides the correct ball rise and assists with reaching shots.

Edgetiles: can be used if required around the edge of the court to provide a neat finish and prevent a trip hazard. **Corners:** required where 2 outer Edgetiles meet

Expansiontiles: in order to allow for thermal movement, Expansiontiles are inserted into the court. Expansiontiles in white form the baselines of the court. Cross pieces are available for intersections.

Colours: Grass Green, Clay Court Red. Blue is available by special order for inserting 'mini-tennis' areas into the court.

Suitable for: Tennis, Badminton, Table Tennis. Can be used indoors and out; maintenance free. If used outside, an annual scrub with a street sweeper is recommended.

	TactTiles are also available for use in residential, industrial, marine and sports applications
Material	Environmentally friendly recyclable UV-stabilized polypropylene
Size	300 x 300 mm
Thickness	13,5 mm
Weight per tile	300 g
Point weight in room temperature +19°C	Weighted area / Pressure 1 cm^2 150 kg 4 cm^2 550 kg 1 dm^2 5500 kg
Type of Surface	With knobs
Classified pace Angle of incidence Angle of bounce	Medium 11° 13°

	Test method	Test method	Units	Rate
Skid resistancy	ZH1/571	DIN 51 130	°	13,7°= R10
Drainage capacity	ZHI/571	DIN 51 130	cm^3/dm^2	>10,0= V10
Fire Category	UL 94, DIN 4102		-	HB, B3
Impact resistance +23 °C	ISO 180/1A	ASTM D 746	kj/m^2	C15
Stretchability	ISO R 527	ASTM D 638	%	10
Density	ISO 1183	ASTM D 1505	kg / m3	902
Water absorption 24 h		ASTM D 170	%	<0,1
Tensile strength	ISO R 527	ASTM D 638	Mpa	26
Flexural modules	ISO 178	ASTM D 790	Mpa	1250
Coefficient of linear expansion		ASTM D 696-44		

EXPLANATION OF EXPANSION IN VARIOUS TEMPERATURES

Expansion: 0,15 % per 10 °C

Formula for the size of the expansion: (0,0015 x length of the floor) x (number of increased degrees /10)

Formula for the length of the floor after the expansion: Earlier length + Length of the expansion

Example	Length of floor	Calculation	Expansion	Length of floor after expansion
0°C–10°C	10 m	0,0015 x 10m =0,015m 0,015m x (10°/10) = 0,015	1,5 cm	10,015 m
0°C–30°C	10 m	0,0015 x 10m =0,015m 0,015m x (30°/10) = 0,045	4,5 cm	10,045 m
20°C–40°C	20 m	0,0015 x 20m = 0,030m 0,030m x (20°/10) = 0,06	6 cm	20,06m