

technical data

sizes	length:	max. l = 1.500 mm (centre to centre distance) tolerance \pm 1,0 mm
	height:	TAMPA: 150 / 175 / 187,5 / 200 / 212,5 / 225 / 237,5 / 243,5 / 250 / 275 / 300 / 400 / 500mm (centre to centre distance) TERZO: TERZO 200/225/243,5 mm (centre to centre distance) TERZO 1 150 mm (centre to centre distance) TERZO 2 225 mm (centre to centre distance) TERZO 3 225/250 mm (centre to centre distance) LINEO: LINEO 4 200 / 257 mm (centre to centre distance) LINEO 9 250 mm (centre to centre distance) tolerance \pm 1,5 mm
	thickness:	30 mm (height = 500mm: thickness = 35mm) tolerance \pm 1,0 mm

constancy of the form:

(DIN EN 1304)

flexion: longitudinal arch max. 3,0 mm lateral arch max. 1,5 mm
deviation from perpendicular: max. 1,0 mm / 200 mm
max. 2,0 mm / 400 mm

weight (dry):

ca. 42 kg/m² (thickness = 35mm: ca. 59 kg/m²)

body density:

\geq 2,0 g/cm³

breaking load:

(DIN EN 1304)

average value \geq 1,5 kN / minimum value \geq 1,2 kN
for example test report MPA Hannover Nr. 094761.1:
Tile plate: centre to centre distance 1500 / 400 mm
average value = 4,62 kN / minimum value = 4,39 kN

water absorption:

(DIN EN 539-2)

\leq 9,0 %
according to test reports of Bautest Dresden GmbH (formerly MPA Dresden) between 3 and 8 %.

frost resistance:

(DIN EN 539-2)

according to test reports of Bautest Dresden GmbH (formerly MPA Dresden) proven

fire protection

classification:

(DIN 4102)

ceramic tile plates: flammability rating A, incombustible
aluminium substructure: flammability rating A1, incombustible
The insulation should be incombustible, dimensionally stable and should achieve the flammability rating A1 (such as mineral rock wool).

external control:

Bautest Dresden GmbH (formerly MPA Dresden); approved testing laboratory, regulatory agency and certificate authority