

1. Application

KOMFORTEX® Elastic Pavement Blocks are ideal for stable aisles, entrance to riding areas, entrance to pastures, hitching rails and washing bays.

Interlocking pavement element permit problem-free laying over asphalt and concrete surfaces.

Environmentally sound manufacturing (dual KRAIBURG Relastec GmbH & Co. KG Recycling guarantee) and recycling.

2. Material

Rubber granulate: granulated recycled rubber
Binding agent: polyurethane

3. Characteristics

Colour: red, green or black (minor colour variations and/or fading possible).

Surface: smooth with open pores, edging beveled

Lower side: smooth with open pores, edging not beveled

4. Dimensions / Tolerances

L x W x T: Full blocks: approx. 200 x 165 x 43 mm
Half blocks: approx. 100 x 165 x 43 mm
Starter blocks: approx. 200 x 140 x 43 mm

Weight: Full blocks: approx. 1,20 kg/ unit
Half blocks: approx. 0,60 kg/ unit
Starter blocks: approx. 1,10 kg/ unit

Dimensional tolerances: Length, Width: +/- 0,8 %, Thickness: +/- 1,5 %
Weight: +/- 0,05 kg/ unit

5. Product testing

Long term thermal stability: -40°C up to +80°C

Short term thermal stability: up to 110°C

Fire classification: Efl, E (according to EN 13501-1:2007)

Compressive load capacity: over 4 N/mm² (according to DIN 53454)

Modulus of elasticity: 2,88 +/- 0,12 N/mm² in the load area

Dynamic modulus of elasticity: 1,2 – 6,5 N/mm² in the load area
1 – 5 N/mm² (according to DIN 58535)

Thermal conductivity: 0,177 – 0,199 W/mK by 20 – 60°C (according to DIN 52616)

Water absorption capacity: max. 20 %

Chemical resistance: resistant to weak acids and lye, conditionally resistant to oils

Impact sound measure

of improvement: 26 dB (according to DIN 52210, section 3)

6. Installation

Install over frost-stable firmly compacted sub grade of over cement or bitumen bound granular subgrade as described in installation instruction.

35 full blocks per m²

4 half blocks/ rm

5 starter blocks / rm

Note the complete installation instruction.