Elastic Pavement Blocks

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
Weight:	Full blocks: approx. 1,20 kg/ unit Half blocks: approx. 0,60 kg/ unit Starter blocks: approx. 1,10 kg/ unit
Density:	approx. 900kg/m³
Dimensional tolerances:	Length, Width: +/- 0,8 %, Thickness: +/- 1,5 % Weight: +/- 0,05 kg/ unit

KRAIBURG Relastec GmbH & Co.KG
Fuchsberger Straße 4 · D-29410 Salzwedel
Fon +49-(0)3901-8304-61 · Fax +49-(0)3901-8304-461
sylvia.karras@kraiburg-relastec.com · www.kraiburg-relastec.com

5. Product testing

Production facility inspection	
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 13501-1:2010)
Water absorption capacity:	max. 20%
Chemical resistance:	resistant to weak acids and lye's conditionally resistant to oils
Testing of slip resistance:	R 10 EN 16165
Determination of abrasion resistance:	0,4g (DIN EN ISO 5470-1:2017-04)
Determination of the water infiltration rate:	23878mm/h (DIN EN 12616:2013-12)
Determination of resistance to indentation:	after 5 min 0.74mm after 24 h 0.24mm (EN 1516:2000-09)
Resistance to permanent deformation after static loading:	after 30 min mm 0.36 after 1 h mm 0.32 after 6 h mm 0.21 after 24 h mm 0.18 after 72 h mm 0.10
Resistance to permanent deformation after short term loading:	after 30 min mm 0.08 after 1 h mm 0.06 after 6 h mm 0.05 24 h mm 0.05 after 72 h mm 0.03

To determine the dynamic and static pressure load, the sample was loaded with 500 kPa for 3 sec. and 1 h respectively. Subsequently, the maximum deformation was measured at timedefined intervals.

6. Installation

Install over frost-stable firmly compacted sub grade or 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
Attention: Please calculate 3% for cutoff.
For the exact calculation, please note that for the sides with beginner's stones an additional requirement of + 0.17m² per linear meter must be calculated!
Note complete installation instruction.

KRAIBURG Relastec GmbH & Co.KG
Fuchsberger Straße 4 · D-29410 Salzwedel
Fon +49-(0)3901-8304-61 · Fax +49-(0)3901-8304-461
sylvia.karras@kraiburg-relastec.com · www.kraiburg-relastec.com