

1. Applications

EUROFLEX® Elastic Pavement are typically used in sports and recreational facilities e.g. for football and basketball. They are equally well suited for use in numerous other application sectors requiring high safety and durability: wheelchairs paths and walkways.

Certified in accordance with EN 1177:2018, EN 1176-1:2017 for a critical fall high up to 1,0m. Environmentally sound manufacturing (dual KRAIBURG Recycling guarantee) and recycling.

2. Material

Rubber granulate: granulated recycled rubber
Binding agent: polyurethane

3. Characteristics

Colour base layer: 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

Length x Width x Thickness: 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. 1,0 kg/ unit
Half blocks: approx. 0,5 kg/ unit
Starter blocks: approx. 0,9 kg/ unit
Density: approx. 900kg/m³
Dimensional tolerances: length, width: +/- 0,8 %, thickness: +/- 2 mm
Weight: + 0,200 kg/ unit

5. Test Data

| | |
|---|--|
| Permissible fall height: | in accordance with EN 1177:2018 |
| HIC 1000 | EN 1176-1:2017 |
| 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 EN 13501-1:2010 |
| 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.

Water absorption capacity: max. 20%
Chemical resistance: resistant to weak acids and lye's, conditionally resistant to oils

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

Note complete installation instruction

All information without guarantee, subject to change. The Data Sheet is not subject to any change service.
Each current and valid from can be recalled at www.kraiburg-relastec.com/euroflex