## Test method

<table>
<thead>
<tr>
<th>Test method</th>
<th>Requirements</th>
<th>Average test results from running production</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE conformity</td>
<td>EN 14041</td>
<td></td>
</tr>
<tr>
<td>DoP-No.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thermal conductivity</td>
<td>EN 10456</td>
<td>$\lambda = 0.17 \text{ W/(m·K)}$</td>
</tr>
<tr>
<td>Dynamic coefficient of friction</td>
<td>EN 13893</td>
<td>DS</td>
</tr>
<tr>
<td>Reaction to fire</td>
<td>EN 13501-1</td>
<td>Not bonded</td>
</tr>
<tr>
<td>Reaction to fire</td>
<td>EN 13501-1</td>
<td>Bonded on mineral subfloor</td>
</tr>
</tbody>
</table>

## Properties acc. to EN 1817/EN 12199

### Thickness
- EN ISO 24346
  - Mean value $\pm 0.10 \text{ mm}$
  - Thickness: 4 mm, 3.2 mm, 9 mm

### Dimensional stability
- EN ISO 23999
  - $\pm 0.4\%$
  - $\pm 0.2\%$

### Test strength
- ISO 34-1, method B, procedure A
  - Mean value $\geq 20 \text{ kN/m}$
  - Test strength: 40 kN/m, 35 kN/m, 45 kN/m

### Cigarette-burn resistance
- EN 1399
  - Procedure A (stubbed out) $\geq$ level 4
  - Procedure B (Burning) $\geq$ level 3

### Flexibility
- EN ISO 24344, procedure A
  - Mandrel diameter 20 mm, no fissuring

### Hardness
- ISO 48-4
  - $\geq 70$ Shore A (EN 12199)
  - $\geq 75$ Shore A (EN 1817)
  - Hardness: 82 Shore A, 87 Shore A, 82 Shore A, 70 Shore A, 85 Shore A

### Residual indentation
- EN ISO 24343
  - Mean value $\leq 0.25 \text{ mm}$ at thickness $\geq 3.0 \text{ mm}$
  - Residual indentation: 0.12 mm, 0.12 mm, 0.12 mm, 0.25 mm, 0.07 mm

### Air permeability at 5 N load
- ISO 4649, procedure A
  - $\leq 250 \text{ mm}$
  - Air permeability: 115 mm$^3$, 130 mm$^3$, 115 mm$^3$, 90 mm$^3$, 350 mm$^3$

### Colour fastness to artificial light
- ISO 105-B02, procedure 3, test conditions 6.1 a)
  - At least level 4 on the blue scale
  - Grey scale: $\geq$ level 3 acc. to ISO 105-A02

### Classification
- EN ISO 10874
  - Commercial/Industrial
  - Classification: 34/43, 34/43, 32/41, 34/43, 34/43, 34/43

### Additional technical properties
- Toxicity of fire gases
  - DIN 53436
  - Carbonyl gases: non-toxic
  - Carbonyl gases: non-toxic

- Anti-slip properties
  - DIN 51130
    - According to BGR 181
      - R 9
      - 926 grau/Art. 1880 = R 9
      - 926 grau/Art. 1810 = R 10
  - DIN 51097
    - A
    - 926 grau/Art. 1810 = A, B

- Improvement in footfall sound absorption
  - ISO 10140-1
    - 12 dB
    - 10 dB
    - 9 dB
    - 8 dB

- Effect of chemicals
  - EN ISO 24987
    - Resistant depending on concentration and time of exposure

- Electrical insulation properties
  - EN 6011 R1
    - $> 10^9$ Ohm

- Electrical propensity when walked upon
  - EN 1815
    - Antistatic, charging in case of rubber soles $< 2$ kV

- Effect of a caster chair
  - EN 425
    - Suitable if caster wheels, type W, according to EN 12529 are used

- Underfloor heating
  - EN 1264-2
    - Suitable, max. 35°C C

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*In case of increased impact of oils, grease, acids, alkalis and other aggressive chemicals please contact us.

EN 1817: Specification for homogeneous and heterogeneous smooth elastomer floor coverings
EN 12199: Specification for homogeneous and heterogeneous profiled elastomer floor coverings

Colour variations due to different production batches as well as technical alterations to improve the product have to be accepted.