## Technical data

### noraplan® sentica, surface: smooth

<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 14 041</td>
<td>Manufacturer: nora systems GmbH, D-69469 Weinheim</td>
</tr>
<tr>
<td>DoP-No.</td>
<td>EN 14 041</td>
<td>0016</td>
</tr>
<tr>
<td>Thermal conductivity</td>
<td>EN 10 456</td>
<td>λ = 0.17 W/(m*K)</td>
</tr>
<tr>
<td>Dynamic coefficient of friction</td>
<td>EN 13 893</td>
<td>DS</td>
</tr>
<tr>
<td>Reaction to fire</td>
<td>EN 13 501-1</td>
<td>Bonded on mineral subfloor</td>
</tr>
<tr>
<td>Reaction to fire</td>
<td>EN 13 501-1</td>
<td>Bonded</td>
</tr>
</tbody>
</table>

### Properties acc. to EN 1817

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Requirement</th>
<th>Average Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>EN ISO 24 346</td>
<td>Mean value ± 0.15 mm acc. to EN 1817</td>
<td>2.0 mm</td>
</tr>
<tr>
<td>Dimensional stability</td>
<td>EN ISO 23 999</td>
<td>± 0.4 %</td>
<td>± 0.3 %</td>
</tr>
<tr>
<td>Cigarette-burn resistance</td>
<td>EN 1399</td>
<td>Procedure A (stubbed out) ≥ level 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Procedure B (burning) ≥ level 3</td>
<td></td>
</tr>
<tr>
<td>Flexibility</td>
<td>EN ISO 24 344, procedure A</td>
<td>Mandrel diameter 20 mm, no fissuring</td>
<td></td>
</tr>
<tr>
<td>Hardness</td>
<td>ISO 7519</td>
<td>≥ 75 Shore A acc. to EN 1817</td>
<td>92 Shore A</td>
</tr>
<tr>
<td>Residual indentation</td>
<td>EN ISO 24 343</td>
<td>Mean value ≤ 0.15 mm at thickness &lt; 2.5 mm</td>
<td>0.05 mm</td>
</tr>
<tr>
<td>Abrasion resistance at 5 N load</td>
<td>ISO 4649, procedure A</td>
<td>≤ 250 mm³</td>
<td></td>
</tr>
<tr>
<td>Colour fastness to artificial light</td>
<td>ISO 105-B02, procedure 3, test conditions 6.1 a)</td>
<td>At least level 6 on the blue scale; ≥ level 3 on the grey scale (≥ 350 MJ/m²)</td>
<td></td>
</tr>
<tr>
<td>Classification</td>
<td>EN ISO 10 874</td>
<td>Residential / Commercial / Industrial</td>
<td>23 / 34 / 42</td>
</tr>
</tbody>
</table>

### Additional technical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Requirement</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxicity of fire gases</td>
<td>DIN 53 436</td>
<td>DIN 51 130</td>
<td>Acc. to BGR 181</td>
</tr>
<tr>
<td>Anti-slip properties</td>
<td>DIN 51 097</td>
<td>BS 7976</td>
<td>TRRL Pendulum</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SATRA TM 144</td>
<td></td>
</tr>
<tr>
<td>Improvement in footfall sound absorption</td>
<td>ISO 10 140-3</td>
<td>≥ 6 dB</td>
<td></td>
</tr>
<tr>
<td>Effect of chemicals</td>
<td>ISO 26 887</td>
<td>Resistant depending on concentration and time of exposure*</td>
<td></td>
</tr>
<tr>
<td>Electrical insulation properties</td>
<td>IEC 60 083, VDE 0303 T.30</td>
<td>&gt; 10³ Ohm</td>
<td></td>
</tr>
<tr>
<td>Electrical propensity when walked upon</td>
<td>EN 1815</td>
<td>Antistatic, charging in case of rubber soles &lt; 2 kW</td>
<td></td>
</tr>
<tr>
<td>Effect of a castor chair</td>
<td>EN 425</td>
<td>Suitable if castor wheels, type W, acc. to EN 12 529, are used</td>
<td></td>
</tr>
</tbody>
</table>

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

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EN 1817: Specification for homogeneous and heterogeneous smooth elastomeric floor coverings

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