## Technical data

### norament® 926 grano, surface: hammerblow

<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>021</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>Not bonded</td>
</tr>
<tr>
<td>Reaction to fire</td>
<td>EN 13 501-1</td>
<td>Bonded on mineral subfloor</td>
</tr>
</tbody>
</table>

### Test results

#### Properties acc. to EN 1817

<table>
<thead>
<tr>
<th>Property</th>
<th>Test method</th>
<th>Requirements</th>
<th>Result</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>3.5 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>Tear strength</td>
<td>ISO 34-1, method B, procedure A</td>
<td>Mean value ≥ 20 N/mm</td>
<td>35 N/mm</td>
</tr>
<tr>
<td>Cigarette-burn resistance</td>
<td>EN 1399</td>
<td>Procedure A (stubbed out) ≥ level 4 Procedure B (burning) ≥ level 3</td>
<td>Fulfilled</td>
</tr>
<tr>
<td>Flexibility</td>
<td>EN ISO 24 344, procedure A</td>
<td>Mandrel diameter 20 mm, no fissuring</td>
<td>Fulfilled</td>
</tr>
<tr>
<td>Hardness</td>
<td>ISO 7619</td>
<td>≥ 75 Shore A acc. to EN 1817</td>
<td>82 Shore A</td>
</tr>
<tr>
<td>Residual indentation</td>
<td>EN ISO 24 343</td>
<td>Mean value ≤ 0.25 mm at thickness ≥ 3.0 mm</td>
<td>0.15 mm</td>
</tr>
<tr>
<td>Abrasion resistance at 5 N load</td>
<td>ISO 4649, procedure A</td>
<td>≤ 250 mm³</td>
<td>115 mm³</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>Grey scale ≥ level 3 acc. to ISO 105-A02</td>
</tr>
<tr>
<td>Classification</td>
<td>EN ISO 10 874</td>
<td>Residential / Commercial / Industrial</td>
<td>23 / 34 / 43</td>
</tr>
</tbody>
</table>

### Additional technical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Test method</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxicity of fire gases</td>
<td>DIN 53 436</td>
<td>Carbonisation gases are non-toxic</td>
</tr>
<tr>
<td>Anti-slip properties</td>
<td>DIN 51 130</td>
<td>Acc. to BGR 181</td>
</tr>
<tr>
<td>Improvement in footfall sound absorption</td>
<td>DIN 51 097</td>
<td>–</td>
</tr>
<tr>
<td>Effect of chemicals</td>
<td>EN ISO 26 887</td>
<td>Resistant depending on concentration and time of exposure*</td>
</tr>
<tr>
<td>Electrical insulation properties</td>
<td>IEC 60 083, VDE 0133 T.30</td>
<td>&gt; 10&lt;sup&gt;10&lt;/sup&gt; Ohm</td>
</tr>
<tr>
<td>Electrical propensity when walked upon</td>
<td>EN 1815</td>
<td>Antistatic, charging in case of rubber soles</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>
</tr>
</tbody>
</table>

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

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

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