### Product information

*nora® nTx* is an installation system that simplifies installation. The installation system consists of *nora®* floorcoverings with an adhesive backing. The adhesive backing is covered by a film that may not be removed before installation. Dirt on the adhesive film prevents the adherency and the flooring cannot be installed any more. The material must be stored in a cool, dry environment protected from direct sunlight and installed within 12 months after production.

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<table>
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<tr>
<th>Test method</th>
<th>Requirements</th>
<th>Average test results from running production</th>
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<tbody>
<tr>
<td>CE conformity</td>
<td>Test method</td>
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<tr>
<td>EN 14 041</td>
<td>Dynamic coefficient of friction</td>
<td>EN 13 893</td>
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<tr>
<td>EN ISO 23 999</td>
<td>Dimensional stability</td>
<td>EN ISO 23 999</td>
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<tr>
<td>EN 1399</td>
<td>Cigarette-burn resistance</td>
<td>Procedure A (stubbed out)</td>
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<tr>
<td>EN ISO 23 444, procedure A</td>
<td>Flexibility</td>
<td>Mandrel diameter 20 mm, no fissuring</td>
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<tr>
<td>ISO 7619</td>
<td>Hardness</td>
<td>≥ 75 Shore A</td>
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<tr>
<td>EN ISO 23 434</td>
<td>Residual indentation</td>
<td>Mean value &lt; 0.15 at thickness &lt; 2.5</td>
</tr>
<tr>
<td>ISO 4649, procedure A</td>
<td>Abrasion resistance at 5 N load</td>
<td>≤ 250 mm²</td>
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<tr>
<td>ISO 105-B02, procedure 3, test conditions 6.1 a)</td>
<td>Colour fastness to artificial light</td>
<td>At least 6 on the blue scale, ≥ 3 on the grey scale (≥ 350 MJ /m²)</td>
</tr>
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</table>

### Additional technical data

- **Weight**: EN ISO 23 997
  - 2.1 mm: ~ 2.36 kg/m²
  - 3.1 mm: ~ 3.08 kg/m²
- **Tear strength**: ISO 34-1, method B, procedure A n.a.
- **Slip resistance**: DIN 51 130
  - R 10° (reflection breaking surface)
- **Improvement in footfall sound absorption**: ISO 10 140-3
  - 2.1 mm: 3 dB
  - 3.1 mm: 4 dB
- **Effect of chemicals**: EN ISO 26 987
  - Depending on concentration and time of exposure
  - Resistant
- **Electrostatic behaviour when being walked on**: EN 1815
  - Antistatic, charging in case of rubber soles < 2 kV
- **Effect of a castor chair**: EN 425
  - Suitable if castor wheels, type W, according to EN 12 529 are used

### Fire behaviour/smoke behaviour

- **Fire behaviour**: EN 13501-1
  - Cfr := 1
- **Fire behaviour**: EN 45 545
  - Hazard Level: HL1
- **Smoke density**: ASTM E-648 / ISO 9239-1
  - Federal Railroad Administration
  - Class 1 (≥ 0.50 W/cm²)*
  - After 1.5 minutes ≤100,
  - after 4 minutes ≤200*

### Adhesive characteristics

- **Description**: Pressure-sensitive hot melt adhesive
- **Density**: approx. 0.92 g/cm³
- **Softening range**: Kofler bench
- **Viscosity**: approx. 105 °C
  - 45,000 mPas at 170 °C
  - 13,000 mPas at 190 °C
- **Solid body content**: 87%
- **VOC**: 0%

*Tested and certified by an independent testing institute.
A) In case of increased impact of oils, greases, acids, alkalis and other aggressive chemicals as well as light oils and fuels - please contact us.

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

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

**Standard measures:**
- Rolls 1.22 m x 15 m (2.1 mm)
- 1.22 m x 12 m (3.1 mm)