FLOOR COVERING SYSTEMS
SIKA AND NORTON
PRODUCT GUIDE
ABOUT NORTON | SAINT-GOBAIN

As a brand of Saint-Gobain, a world leader in sustainable habitat, Norton offers the widest portfolio of grinding, cutting, blending, finishing and polishing solutions for all markets, materials and applications with the most advanced and affordable technology. So, as your needs evolve, our access to the global expertise of Saint-Gobain becomes even more valuable to making a difference in your day-to-day needs.

Norton is proud of our strong presence in your communities across the United States and Canada. Our 2,200 employees work in one of 8 facilities. We’re a global brand that delivers locally - our employees are imagining, making, delivering, and selling products you use just around the corner. They bring deep experience and share common values focused on delivering powerful, precise, and user-friendly solutions.

OUR OBJECTIVE

Over the past several years Sika and Norton|Saint-Gobain have been forging a relationship in an effort to utilize each other’s strengths. There are markets where we offer complementary products that go together very well where we can use the partnership to help us drive market success and ultimately allow us to get our products out to a wider audience.

Both Sika and Norton|Saint-Gobain share the same product philosophy based on product innovation and breadth of product offering. We each adhere to the highest of quality standards and take pride in the products we bring to market. Our mutual goal is to provide the best products for each application to ensure success at the end-user level.

The Hardwood Floor market is one arena where this partnership will achieve this goal. As the market leader in Abrasives in the Hardwood Floor industry, Norton|Saint-Gobain has the brand presence and strength that gives us an extensive reach into the market. That coupled with Sika’s unmatched performance and quality in both moisture barriers and adhesives makes the partnership of Sika and Norton|Saint-Gobain one that will benefit the Hardwood Floor market for years to come.

We at Sika and Norton|Saint-Gobain are excited about this new venture. Our combined market and product knowledge will allow us to be vital resource to the Hardwood Floor industry.
The Sika® Secure System has been developed to deliver the best Sika® solution to meet project needs and provide answers to everyday challenges, Sika® provides a total system package.

**SIKA® ICON CLASSIFICATION LEGEND**

To help choose the best solution for your projects, Sika® has developed a classification system to define the performance and the features of each product. These icons help differ between products regarding curing speed, strength, special features and much more. Use this icon legend throughout this brochure for a better understanding of the products Sika® has to offer.
WOOD FLOOR ADHESIVES

**SikaBond®-T25**
Trowel Grade, Polyurethane Wood Flooring Adhesive
- Elongation: 125%
- Tensile Strength: 150 psi at 73°F and 50% RH

Coverage: All-in-One: 30 - 35 sq.ft./gal.
Adhesive Only: 45 - 50 sq.ft./gal.
Packaging: 5 US. gal. pails

**SikaBond®-T35**
Trowel Grade, Polyurethane Wood Flooring Adhesive
- Elongation: 170%
- Tensile Strength: 150 psi at 73°F and 50% RH

Coverage: All-in-One: 30 - 35 sq.ft./gal.
Adhesive Only: 45 - 50 sq.ft./gal.
Packaging: 5 US. gal. pails

**SikaBond®-T17**
Trowel Grade, Polyurethane Wood Flooring Adhesive
- Elongation: 100%
- Tensile Strength: 150 psi at 73°F and 50% RH

Coverage: All-in-One: 30 - 35 sq.ft./gal.
Adhesive Only: 45 - 50 sq.ft./gal.
Packaging: 4 US. gal. pails

**SikaBond® Construction Adhesive**
One-component, moisture cured, elastomeric polyurethane adhesive with excellent adhesion on all cement-based materials, brick, ceramics, glass, metals, and wood.
- Elongation: 600%
- Tensile Strength: 225 psi at 73°F and 50% RH
- Waterproof after cure

**SikaBond®-T55**
Trowel Grade, Polyurethane Solid Wood Flooring Adhesive
- Elongation: 400%
- Tensile Strength: 217 psi at 73°F and 50% RH

Coverage: 45 - 50 sq.ft./gal as adhesive only
Packaging: 5 US. gal. pails

**SikaBond® Remover**
Fast drying solvent cleaner
- Ideal for SikaBond® urethane adhesives even after curing
- Does not leave “ghosting” on wood floor finish
- Leaves no residue
- Low odor

Packaging: 1 pint bottles; 12 per case
# SPECIALTY WOOD FLOOR ADHESIVES

## SikaBond®-T21
All-in-One, Sound Control, Moisture Barrier Wood Flooring Urethane Adhesive
- **Elongation:** 270%
- **Tensile Strength:** 150 psi at 73°F and 50% RH
- **Unlimited subfloor moisture vapor protection**

**Coverage:**
- **All-in-One:** 30 - 35 sq.ft./gal.
- **Adhesive Only:** 45 - 50 sq.ft./gal.

**Packaging:**
- 4 US. gal. pails

**Sound Ratings:**
- ∆IIC: 21
- STC: 63

## SikaBond®-T100
All-in-One Hybrid Sound Control, Moisture Barrier Wood Flooring Adhesive
- **Elongation:** 150%
- **Tensile Strength:** 400 psi at 73°F and 50% RH
- **Unlimited subfloor moisture vapor protection**
- **Easily cleans off prefinished floors before and after cure**

**Coverage:**
- **All-in-One:** 30 - 35 sq.ft./gal.
- **Adhesive Only:** 45 - 50 sq.ft./gal.

**Packaging:**
- 4 US. gal. pails

**Sound Ratings:**
- ∆IIC: 21
- STC: 62
- IIC: 67

## Sika® AcouBond® System
Elastic Bonding and Acoustical Dampening for Wood Floors
- **SikaBond®-T33** Elongation: 500%
- **Tensile Strength:** 174 psi at 73°F and 50% RH

**Coverage:**
- **SikaBond®-T33 (adhesive):** 1 unipac = 13.4 sq.ft.
- **SikaLayer®-03 (acoustic mat):** 1 roll = 269 sq.ft.

**Packaging:**
- **SikaBond®-T33 (adhesive):** 20 fl.oz. unipac (case of 20)
- **SikaLayer®-03 (acoustic mat):** Roll

**Sound Ratings:**
- ∆IIC: 21
- STC: 63
- IIC: 67

## Application Guide

<table>
<thead>
<tr>
<th>Product</th>
<th>Adhesive Only</th>
<th>All-In-One: 100% coverage is required</th>
<th>Moisture Limitations for All-In-One Application</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Engineered Wood</td>
<td>Solid Wood</td>
<td>Engineered Wood</td>
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<td>SikaBond®-T55</td>
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<td>SikaBond®-T33</td>
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<td>SikaBond®-T25</td>
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<td>5&quot;</td>
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<td>SikaBond®-T17</td>
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<tr>
<td>Sika® AcouBond® System</td>
<td>Unlimited</td>
<td>Unlimited</td>
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</table>
Sika® MB is a 2-component, solvent-free, low-viscosity, epoxies for use under ALL flooring products, including wood, carpet, vinyl, LVT, self-leveling underlayments, floating floors, and other flooring systems that require protection from subfloor moisture.

**Sika® MB**

Moisture barrier, substrate consolidator and adhesion promoter two-component epoxy

- Water Vapor Permeability: 0.06
- Reduction in adhesive consumption
- Cures in 8 hours at 73°F

**Tools:** Nap roller  **Color:** Blue

**MOISTURE PROTECTION**

**WHERE TO USE**
- Up to 100% RH, 25 lbs calcium chloride and under 6% Tramex
- Under any flooring system that requires protection from moisture

**ADHESION PROMOTION**

**WHERE TO USE**
- Over old adhesive and residues
- Encapsulating asphalt based substrates including cutback
- Over old substrates

**SUBSTRATE CONSOLIDATION**

**WHERE TO USE**
- On weak or delicate substrates
- On old substrates
- Gypsum-based subfloors

**PERM RATING = MOISTURE BARRIER PRODUCT PERFORMANCE MEASUREMENT**

The perm rating demonstrates how well a material resists vapors passing through it. A high value perm rating relates to a low level of moisture protection. A low value of perm rating relates to a high level of moisture protection.

![Perm Rating Diagram](image)

1. The 2006 International Residential Code defines a vapor retarder as a vapor-resistant material, membrane or covering such as foil, plastic sheeting or other material recommended by the manufacturer having a permeance rating of 1 perm or less when tested in accordance with ASTM E-96 Method A.
2. The NWFA recommends an “impermeable” vapor retarder with a perm rating of less than or equal to 0.15, thereby limiting the passage of moisture to near zero.
**ACCESSORIES**

### Sika P5 Trowel
- Apply standard adhesive coverage
- **Coverage:** 45-50 sqft. Per gal.
- **Trowel Size:** 1/8”x5/32”x3/16” flat-v notch

### Sika SC+MB Trowel
- Apply all-in-one moisture barrier and/or sound control adhesive coverage
- **Coverage:** 30-35 sqft. Per gal.
- **Trowel Size:** 1/8”x5/32”x3/16” flat-v with height control notches

### 20oz. Manual Sausage Gun
- Manual sausage caulking gun dispensing urethane at a controlled rate of flow.
- Heavy duty industrial design

### 20oz. Pneumatic Gun
- Air Power Sausage Caulking Gun dispensing urethane at a controlled rate of flow.
- Built-in regulator to control flow, and an instant release valve with silencer to stop material flow

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**WARRANTY**

<table>
<thead>
<tr>
<th>Product Category</th>
<th>Product Name</th>
<th>Carpet, Sheet Vinyl, LVT &amp; Wood Floors</th>
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</thead>
<tbody>
<tr>
<td>Moisture Barriers</td>
<td>Sika® MB</td>
<td><strong>Equal to the Floor Covering Manufacturer’s Warranty Period</strong></td>
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<tr>
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<td>Sika® AcouBond® System</td>
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<td></td>
<td>SikaBond®-T21</td>
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<td></td>
<td>SikaBond®-T100</td>
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<tr>
<td>Wood Floor Adhesives</td>
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<td>SikaBond®-T35</td>
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<td></td>
<td>SikaBond®-T100</td>
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</tbody>
</table>

*To get the benefit of a Sika® limited material and labor warranty you must first fulfill the warranty application requirements. Please contact your local Sika® sales representative for more information and warranty requirements.*
**PRODUCT SELECTION CHART**

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Floor Coverings</th>
<th>Substrates</th>
<th>Advantages</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Engineered Wood</td>
<td>Solid Wood</td>
<td>Cork</td>
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<tr>
<td>Sika® MB</td>
<td>Moisture barrier, substrate consolidator and adhesion promoter two-component epoxy</td>
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<tr>
<td>SikaBond®-T25</td>
<td>Trowel grade easy to use polyurethane adhesive</td>
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<tr>
<td>SikaBond®-T55</td>
<td>High elongation polyurethane adhesive for solids and dimensionally unstable woods</td>
<td>■</td>
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</tr>
<tr>
<td>SikaBond®-T35</td>
<td>Trowel grade highly elastic polyurethane adhesive</td>
<td>■</td>
<td>■</td>
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</tr>
<tr>
<td>SikaBond®-T17</td>
<td>Economical, polyurethane engineered wood flooring adhesive</td>
<td>■</td>
<td>■</td>
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</tr>
<tr>
<td>SikaBond®-T21</td>
<td>All-in-one polyurethane adhesive for moisture and sound protection</td>
<td>■</td>
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<tr>
<td>SikaBond®-T100</td>
<td>All-in One hybrid polyurethane, sound control, moisture barrier wood flooring adhesive</td>
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<td>Sika® Acoubond® System</td>
<td>Elastic bonding and acoustical dampening for wood floors</td>
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</tr>
</tbody>
</table>

Always refer to flooring manufacturer’s recommendations and technical guidelines if substrate unknown. Mock-ups for bond and compatibility test are required.

*Must Have 50% of old material removed  **Sika® MB

**MAKE YOUR FLOORS SIKA SECURE**

For more information, visit [https://nortonsga.us/sika](https://nortonsga.us/sika)

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FORM# 8838

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Our most current General Sales Conditions shall apply. Please consult the Product Data Sheets prior to any use and processing.