Maxxon Floor Underlayments are smooth and dense enough to receive all types of finished floor materials. Before, during, and after installation of a Maxxon Underlayment, building interior shall be enclosed and maintained at a temperature above 50 °F (10 °C) until structure and subfloor temperatures are stabilized. Maxxon Underlayments are inorganic and provide no source of nutrients to sustain mold growth. The general contractor/project superintendent must provide and maintain correct environmental conditions to keep the building clean, dry, and protected against infestation of moisture from a variety of potential sources. Controlling moisture levels in the building through appropriate trade sequencing and prevention of potential damage by other trades is the responsibility of the general contractor/project superintendent. The general contractor/project superintendent must supply mechanical ventilation and heat if necessary. These controls fall under the scope of work of the general contractor/project superintendent — not Maxxon Corporation or the Maxxon Underlayment installer. See the Building Conditions Guide for more drying conditions. Provide mechanical ventilation if necessary. Under the above conditions, a 3/4” (19 mm) thick underlayment is usually dry in 5 to 7 days. Low temperatures or high humidity will lengthen the drying time. If any gouges or nicks occur from construction traffic, contact your Maxxon dealer for repair procedures. To ensure the most effective bonding possible, the following steps are recommended.

1 – CHECK FOR DRYNESS

Follow ASTM F2170, Standard Test Method for Determining Relative Humidity in Concrete Floor Slab Using in situ Probes, by using the Delmhorst HT-4000P or TotalCheck meter packages or the Wagner Rapid RH system. Both are accurate relative humidity probe systems that allow for easy and continuous monitoring of the drying process. Follow the respective floor goods manufacturer’s recommendations for relative humidity requirements. For example, most flooring manufacturers typically require RH not exceeding 75-80%. Moisture meters can be used to determine approximate Moisture Content (MC) and determine where to place RH tests. When a moisture meter is required, use a pin invasive type such as a Delmhorst model G-79 or Delmhorst BD2100. (On the model BD2100, make sure you are on Scale 3 “gypsum” then use the digital display only, do not use the color coded LED indicators). In pors over 1/8” thick use insulated pins in drilled holes at various points and thicknesses. Check with the floor goods manufacturer’s recommendations for moisture content — typically 5% or less on the above meters. Perform additional tests if necessary.

Maxxon Corporation and ASTM F1869-16, Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride, do not condone the use of calcium chloride tests to determine moisture content in Maxxon Underlayments. Based on our experience and test comparisons the calcium chloride test generates erroneous data. This is due to the fact that Maxxon Underlayments are porous and the calcium chloride absorbs moisture from the air through the underlayment. Maxxon Underlayments shall be completely dry before a floor covering adhesive is applied. IMPORTANT

1. Maxxon Underlayments are “breathable” and not a vapor barrier. The general contractor/project superintendent, architect, specifier, or building owner shall test slabs-on-ground or elevated slabs for MVER (ASTM F1869-16) or RH (ASTM F2170). If the MVER or RH of the concrete substrate exceeds the floor covering manufacturer’s respective requirements for the finished flooring system, the concrete must be treated with a damp proof membrane, such as Maxxon® DPM or Maxxon® MVP, before installation of a Maxxon Underlayment. 2. Maxxon Overspray and Acrylic Sealer are nonflammable. Do not freeze. Do not ingest. Overspray and Acrylic Sealer equipment may be cleaned with soap and water. 3. Where floor goods manufacturers require special adhesive or installation systems, their requirements supersede these recommendations.

4. Finished floor goods may be damaged by impact, rolling or static loads (stiletto heels, for example) that exceed the flooring manufacturer’s recommendations. Maxxon Corporation will not accept responsibility for damage resulting from these conditions. Warranties for these conditions rest with the floor covering manufacturer. 5. The structural subfloor and floor joist must comply with manufacturers’ maximum span criteria. Typically a deflection limitation of L/360 is adequate for Maxxon Underlayments. Some floor coverings such as marble, stone, travertine, and ceramic tile may require a stiffer floor system. Maxxon Underlayments are non-structural and therefore cannot be expected to reinforce structurally deficient subfloors. The general contractor/project superintendent, architect, specifier, or building owner should make necessary allowances for expected live, concentrated, impact, and/or dead loads including the weight of finished floor goods and setting beds. 6. Additional consideration should be taken for concentrated/dynamic loads. U.S. building codes typically specify a uniform live load of 40 pounds per square foot for residential floor designs. This load is intended to account for large loads that can occur in a building. In reality these loads are not uniform, but rather consist of items such as furniture and appliances that actually induce concentrated loads far exceeding 40 lbs per sq ft. Rolling concentrated loads such as office chairs, wheel chairs, and motorized scooters add turning, twisting, repetition, and other dynamics which should also be taken into consideration. Determining the appropriate structural design of the floor is not the responsibility of Maxxon or the Maxxon applicator. 7. For installation of seamless epoxy floors over Maxxon Underlayments, contact your Maxxon Regional Representative at 800-356-7687 for application recommendations. 8. Recommended adhesives are included in this brochure. Perform a sample installation to test bond compatibility. 9. Adhesive manufacturers are now offering moisture tolerant adhesives with protection to 90% RH. While these adhesives are compatible with Maxxon Underlayments, it is imperative that both the substrate and the Maxxon Underlayment are fully dry prior to installation of the adhesive. Alternatively, the substrate may be treated with a surface applied moisture vapor barrier; however it remains essential that the Maxxon Underlayment be fully dry before the adhesive is installed.

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for Attaching Finished Floor Goods to Maxxon® Underlayments

PROCEDURES

for Attaching Finished Floor Goods to Maxxon® Underlayments

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MAXXON® RECOMMENDATIONS FOR ATTACHING...

CERAMIC, QUARRY & MARBLE TILE
LEVEL-RIGHT® CEMENTITIOUS UNDERLAYMENTS
For Level-Right® and Level-Right® Maxx Self-Leveling Floor Underlayments, ceramic, quarry or marble tile can be thin-set 2–4 hours after the pour, or as soon as the underlayment can be walked on.

MAXXON GYPSUM UNDERLAYMENTS,
LEVEL-RIGHT CEMENTITIOUS UNDERLAYMENTS
For all Maxxon gypsum floor underlayments and Level-Right cementitious underlayments, prepare the underlayment according to Steps 1 and 2 on the cover of this brochure.

Maxxon and the Tile Council of North America (TCNA) recommend an anti-fracture membrane (ANSI A-118.12) to be installed over all poured gypsum underlayments prior to the application of all tile or stone installations. Anti-fracture membranes help reduce cracking caused by structural movement. Note: Detail A.1 & A.2 for proper placement. For positive waterproofing, (ANSI A-118.10) use Merkrete Hydra Guard 1 Membrane. See Detail B.

The underlayment must be dry before the installation of these membranes unless otherwise stated by the membrane manufacturer.

Follow the respective manufacturer’s recommendations for installation of the membrane and of the latex modified thin-set.

EXPANSION JOINTS
If expansion joints are needed, follow the procedures and installation requirements of specification EJ171 in the Handbook for Ceramic Tile Installation. This handbook is published by the Tile Council of North America. Call the TCNA at 864-646-8543, or view their website www.tcnatile.com.

EXPANSION JOINTS
It is recommended that at least 1” clear space be left in the subfloor between the tile and the surrounding structure when using Maxxon Underlayments. If expansion joints are needed, follow the procedures and installation requirements of specification EJ171 in the Handbook for Ceramic Tile Installation. This handbook is published by the Tile Council of North America. Call the TCNA at 864-646-8543, or view their website www.tcnatile.com.

BENEFITS
• Installs quickly.
• Cures in 2 hours at 70 °F, 50% R.H.
• Installed over dry Maxxon Underlayments.
• Excellent adhesion to most common substrates.
• Thin section – does not interfere with elevations.
• Apply with brush, roller or trowel.
• Will not support mold growth.

TECHNICAL ASSISTANCE
Specification assistance is highly recommended prior to a proposed installation. Contact any Merkrete technical representative for recommendations for existing substrates or problem areas.

15-YEAR WARRANTY
Contact Merkrete Systems for details, 800-226-2424.

800-226-2424 • Merkrete.com
FLOODED on a 1/8" (3 mm) foam pad. Since the flooring systems are glued edge to edge and
HEATING
“FLOATING FLOORS” OVER RADIANT FLOOR
installations over a cementitious underlayment.
AND PARQUET WOOD FLOORING
See the table below for Maxxon® Corporation’s
Prepare the underlayment according to Steps
WOOD FLOORING*
LAMINATE AND PARQUET WOOD FLOORING*
Nail-Down Sleeper System
With this system, 2” × 4” (51 mm × 102 mm) sleepers are installed directly on the subfloor and tubing is installed between the sleepers. The spaces are then filled with an approved Maxxon Underlayment to provide a thermal mass. Once the underlayment has dried, a vapor barrier is laid down and the flooring boards are nailed directly into the nailing sleepers that were installed on the subfloor. The advantage of this system is that the flooring creates minimal insulation above the heating system. The disadvantage is that the flooring can only be nailed to a sleeper which may not provide enough fastening. See Detail E!
Single-Layer Nail-Down System
The 2” × 4” (51 mm × 102 mm) sleepers, radiant system tubing and approved Maxxon Underlayment are installed as above. Once the underlayment has dried, a vapor barrier is laid down and 3/4" (19 mm) ACX plywood is nailed to the sleepers. The wood flooring is then installed in a conventional fashion to the plywood. Care must be taken to prevent nails from penetrating into the underlayment and puncturing a tube. See Detail F!
Dual-Layer Nail-Down System
This system is considered a floating floor. The radiant system tubing and approved Maxxon Underlayment are installed conventionally. Once the underlayment is dry, place a vapor barrier and lay 1/2” (13 mm) ACX plywood on top of the underlayment, alternating directions. Spread a thin layer of adhesive and screw a top layer of 1/2” (13 mm) ACX plywood to the previous layer. Leave 1/16” to 1/8” (1.6 mm to 3 mm) gaps between all sheets and put the ACX side down on the bottom layer and up on the top layer. The wood flooring is then installed in a conventional fashion to the plywood. Care must be taken to prevent nails from penetrating into the underlayment and puncturing a tube. See Detail G & G2!
WHERE PLYWOOD SUBSTRATE OVER MAXXON UNDERLayment IS REQUIRED
Using a 1/4” × 1/4” (6 mm × 6 mm) square-notched trowel to apply adhesive, set 4” × 4” (122 cm × 122 cm) sheets of 3/4” (19 mm) exterior grade plywood into wet adhesive. Score plywood sheets on the backside every 8” to 10” (203 mm × 254 mm) using a circular saw and cutting one half the thicknesses of the sheets. Scoring or “kerfing” takes the tension out of plywood and helps prevent possible warping or curling. Allow to fully cure before nailing strip or using Bostik’s Best in a wet-lay or work-on-work method of installation.
MECHANICAL ATTACHMENT OVER SOUND CONTROL SYSTEMS
Nail-Down Sleeper System
See Detail K!
Dual-Layer Nail-Down
See Detail L!
Single-Layer Nail-Down
See Detail M!

<table>
<thead>
<tr>
<th>Adhesive</th>
<th>Primer</th>
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<tbody>
<tr>
<td>Apac U-989 Universal Urethane</td>
<td>Maxxon Overspray – Optional</td>
</tr>
<tr>
<td>Bostik Ultra-Set Hardwood Adhesive</td>
<td>Maxxon Overspray – Optional</td>
</tr>
<tr>
<td>Bostik’s Best Adhesive</td>
<td>Maxxon Overspray – Optional</td>
</tr>
<tr>
<td>Bostik’s GreenForce</td>
<td>Maxxon Overspray – Optional</td>
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<tr>
<td>Bostik’s TKO Urethane</td>
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<tr>
<td>Bostik’s BST Urethane</td>
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<tr>
<td>Bostik’s EFA</td>
<td>Maxxon Overspray – Optional</td>
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<tr>
<td>Bostik VaporLock</td>
<td>Maxxon Overspray – Optional</td>
</tr>
<tr>
<td>DrTac 7400, 7500, 7600 Urethane Adhesive</td>
<td>Maxxon Overspray – Optional</td>
</tr>
<tr>
<td>Roberts Consolidated Industries</td>
<td>Maxxon Overspray – Optional</td>
</tr>
<tr>
<td>1407, 1408 Urethane</td>
<td>Maxxon Overspray – Optional</td>
</tr>
<tr>
<td>1-800-423-9467</td>
<td>Maxxon Overspray – Optional</td>
</tr>
<tr>
<td>SikaBond T21, T35, T54FC, T55</td>
<td>Maxxon Overspray – Optional</td>
</tr>
<tr>
<td>1-800-933-SIKA</td>
<td>Maxxon Overspray – Optional</td>
</tr>
<tr>
<td>UFLOOR UZIN MK 95, MK 97</td>
<td>Maxxon Overspray – Optional</td>
</tr>
<tr>
<td>720-374-4810</td>
<td>Maxxon Overspray – Optional</td>
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<tr>
<td>W.W. Henry Adhesives 971 Urethane</td>
<td>Maxxon Overspray – Optional</td>
</tr>
<tr>
<td>Henry 1171 Acrylic Urethane</td>
<td>Maxxon Overspray – Optional</td>
</tr>
<tr>
<td>1-800-232-4832</td>
<td>Maxxon Overspray – Optional</td>
</tr>
</tbody>
</table>

* When laminated, parquet, or solid wood floors are installed over radiant heating systems, the maximum floor temperature should never exceed 85 °F (29 °C).
† See Installation Details, Page 5
**MAXXON® RECOMMENDATIONS FOR ATTACHING...**

**SHEET VINYL AND VINYL COMPOSITION TILES**
Prepare the underlayment according to Steps 1 and 2 on the cover of this brochure. Unless stated otherwise, Step 2 (priming) is always recommended.

**NOTE:**
For further information see ASTM F2419-14, Standard Practice for Installation of Thick Poured Gypsum Concrete Underlayments and Preparation of the Surface to Receive Resilient Flooring and ASTM F2678, Standard Practice for Preparing Panel Underlayments, Thick Poured Gypsum Concrete Underlayments, Thick Poured Lightweight Cellular Concrete Underlayments, and Concrete Subfloors with Underlayment Patching Compounds to Receive Resilient Flooring.

**INSTALLATIONS OVER RADIANT FLOOR HEATING**
The vinyl industry recommends that the floor surface temperature never exceed 85 °F (29 °C). Floor temperature can affect open time and working time of adhesive. Lower the floor temperature during adhesive and tile installation.

**SOLARBRITE ALL-VINYL TILE**
Prepare the underlayment according to Steps 1 and 2 on the cover of this brochure. Apply tile according to Solarbrite Adhesive Program.

**WOOD OR METAL BASE PLATES**
**MECHANICAL ATTACHMENT**
Shoot power-actuated nails through the base plate and into the wood or concrete subfloor. The nail should be long enough to penetrate at least 1/2" (13 mm) into the subfloor. If the underlayment is too thick for the nails to penetrate the subfloor, use one of the following adhesives in addition to nailing:
- Chemrex CX-948 1-800-433-9517
- Durabond D 819 manufactured by Bostik 1-800-523-6530
- Polyseamseal All Purpose Adhesive manufactured by Henkel Corporation 1-800-999-8920
- PL 400 manufactured by Henkel Corporation 1-800-999-8920
- Roadware Molding and Tack Strip Cement 1-800-288-8322
- Any construction grade adhesive suitable for use with a cementitious underlayment

Before applying any adhesive, prepare the underlayment according to Steps 1 and 2 on the cover of this brochure.

**ATTACHING BASE PLATES OVER RADIANT FLOOR HEATING**
Base plates should not be mechanically fastened to the floor. Use one of the adhesives listed under Mechanical Attachment.

**CARPET AND PAD**
**MECHANICAL ATTACHMENT OF TACKLESS STRIPS OVER WOOD SUBFLOORS**
If the underlayment is 3/4" (19 mm) thick, use “Acoustical Concrete” tackless strips (i.e. Roberts Consolidated Industries #20-451). If the underlayment is thicker than 3/4" (19 mm), use filler nails every 12" to 18" (305 mm to 457 mm) o.c. Use a filler nail long enough to penetrate at least 1/4" (6 mm) into the subfloor.

**MECHANICAL ATTACHMENT OF TACKLESS STRIPS OVER CONCRETE**
1) Use standard tackless strips with concrete nails every 18" to 24" (457 mm to 610 mm). Use a concrete nail long enough to penetrate through the underlayment a minimum of 1/4" (6 mm) into the subfloor.
2) Use an air compressor-driven automatic nailer to install diamond point nails through the tackless strip and underlayment. One type of nailer is the Duo-Fast Coil Gun (Models 1N-123, 1N-124, 1N-125) and 1 1/4" (32 mm) Duo-Fast #054 nails. When Maxxon Underlayments have been poured over expanded or extruded polystyrene, mechanical attachment of tackless strips is not recommended.

**MECHANICAL ATTACHMENT OF TACKLESS STRIPS OVER MAXXON UNDERLAYMENTS OVER RADIANT FLOOR HEATING**
Prepare the underlayment according to Steps 1 and 2 on the cover of this brochure. The following products are compatible with Maxxon Underlayments:
- Chemrex CX-948 1-800-433-9517
- Roberts 0167 Carpet Gripper Cement 1-800-423-9467
- Durabond D 819 Tack Strip manufactured by Bostik 1-800-523-6530
- Polyseamseal All Purpose Adhesive manufactured by Henkel Corporation 1-800-999-8920

**GLUE-DOWN ATTACHMENT OF TACKLESS STRIPS**
Prepare the underlayment according to Steps 1 and 2 on the cover of this brochure. The following products are compatible with Maxxon Underlayments:
- Chemrex CX-948 1-800-433-9517
- Roberts 0167 Carpet Gripper Cement 1-800-423-9467
- Durabond D 819 Tack Strip manufactured by Bostik 1-800-523-6530
- Polyseamseal All Purpose Adhesive manufactured by Henkel Corporation 1-800-999-8920

**GLUE-DOWN ATTACHMENT OF CARPET AND PAD**
Prepare the underlayment according to Steps 1 and 2 on the cover of this brochure. Maxxon Underlayments can be used with many different carpets, carpet pads, and adhesives. Follow manufacturer’s recommendations for adhesives. Perform a sample installation to test bond compatibility.

**FREE-LYING CARPET MODULES**
Prepare the underlayment according to Steps 1 and 2 on the cover of this brochure. Step 2 is mandatory. It is recommended the carpet modules be laid with 100% adhesive coverage.

**OVER RADIANT FLOOR HEATING**
In these installations, use a low R-value carpet cushion to allow proper heat transfer from the floor. Maxxon® Carpet Cushion is recommended. It can be installed using any of the tackless methods previously described.
**WOOD FLOORING OVER RADIANT FLOOR HEAT**

**DETAIL C** LAMINATED FLOOR

- **HARDWOOD FLOORING**
- **GLUE LAYER**
- **APPROVED MAXXON® UNDERLAYMENT**
- **RADIANT TUBE**
- **SUBFLOOR**

**DETAIL D** FLOATING FLOOR

- **HARDWOOD FLOORING**
- **FOAM PAD (optional)**
- **APPROVED MAXXON® UNDERLAYMENT**
- **RADIANT TUBE**
- **SUBFLOOR**

**DETAIL E** SLEEPER SYSTEM

- **SOLID HARDWOOD FLOORING**
- **VAPOR BARRIER**
- **2" x 4" (51 mm x 102 mm) SLEEPER**
- **SUBFLOOR**

**DETAIL F** SINGLE-LAYER FLOOR

- **HARDWOOD FLOORING**
- **3/4" (19 mm) PLYWOOD**
- **VAPOR BARRIER**
- **2" x 4" (51 mm x 102 mm) SLEEPER**
- **SUBFLOOR**

**DETAIL G** NWFA DUAL-LAYER FLOOR

- **1/2" (13 mm) PLYWOOD LAID DIAGONAL TO FIRST LAYER**
- **ADHESIVE**
- **1/2" (13 mm) PLYWOOD**
- **VAPOR BARRIER**
- **APPROVED MAXXON® UNDERLAYMENT**
- **SUBFLOOR**

**DETAIL H** NWFA SINGLE-LAYER FLOOR

- **HARDWOOD FLOORING**
- **NAIL FLOORING TO PLYWOOD**
- **VAPOR BARRIER**
- **APPROVED MAXXON® UNDERLAYMENT**
- **SUBFLOOR**

**DETAIL I** LAMINATED FLOOR

- **HARDWOOD FLOORING**
- **1/2" (13 mm) PLYWOOD**
- **ADHESIVE**
- **1/2" (13 mm) PLYWOOD**
- **VAPOR BARRIER**
- **APPROVED MAXXON® UNDERLAYMENT**
- **MAXXON SOUND MAT®**
- **SUBFLOOR**

**DETAIL J** FLOATING FLOOR

- **HARDWOOD FLOORING**
- **FOAM PAD (optional)**
- **APPROVED MAXXON® UNDERLAYMENT**
- **MAXXON SOUND MAT®**
- **SUBFLOOR**

**DETAIL K** SLEEPER SYSTEM

- **1" X 2" (25 mm x 51 mm) WOOD SLEEPER**
- **GLUED & FASTENED**
- **3/4" (19 mm) PLYWOOD BASE FOR SLEEPER**
- **1ST LIFT**
- **MAXXON SOUND MAT®**
- **SUBFLOOR**

**DETAIL L** NWFA DUAL-LAYER FLOOR

- **1/2" (13 mm) PLYWOOD**
- **ADHESIVE**
- **1/2" (13 mm) PLYWOOD**
- **VAPOR BARRIER**
- **APPROVED MAXXON® UNDERLAYMENT**
- **MAXXON SOUND MAT®**
- **SUBFLOOR**

**DETAIL M** NWFA SINGLE-LAYER FLOOR

- **HARDWOOD FLOORING**
- **NAIL FLOORING TO PLYWOOD**
- **VAPOR BARRIER**
- **APPROVED MAXXON® UNDERLAYMENT**
- **MAXXON SOUND MAT®**
- **SUBFLOOR**

*Maxxon Sound Mats: Acousti-Mat I • Acousti-Mat II • Acousti-Mat II HP • Enkasonic • Enkasonic HP • Acousti-Mat 3 • Acousti-Mat 3 HP • Acousti-Mat LP • Acousti-Mat LPR*
**Anti-Fracture & Waterproof Membrane Manufacturers**

- Badger Cork 800-255-2675
  - StressCork
- Bansol 800-738-1621
  - B-6000 Waterproof Crack Isolation Membrane
- Bostik, Inc. 800-726-7845
  - Hydroment Ultra-Set
- Carlisle Waterproofing 800-338-8701
  - CCW MiraDri 860/861
- C-Cure 800-895-2874
  - UltraCure
  - Pro Red 963
  - Uniflex
- Composites Corp. 800-221-1056
  - Composeal Gold
- Custom Building Products 800-272-8786
  - Red Guard Waterproof Anti-Fracture Membrane
  - Jamo Waterproof Membrane
  - Custom 9240 Fracture Free
  - Crack Buster
- Dural USA 877-695-9888
  - Durabase ACI Water Repellent, Crack-Isolation Membrane
- Flex-Guard Products 800-279-7600
  - Flex-Guard
- Flexite 800-699-3623
  - WP-980 Waterproof Anti-Fracture Membrane
- Latricrete International 800-243-4788
  - Latricrete Hydro Ban
  - Blue 92 Anti-Fracture Membrane
- Mapei 800-992-6273
  - Mapelastic 315
  - Mapeguard 2
- Merkrete 800-226-2424
  - Fracture Guard
  - Fracture Guard FD
- NAC Products 800-633-4622
  - ECB Membrane
  - Stratoflex [www.nac-anti-fracture.com]
- Noble Company 800-678-6625
  - Noblesol TS
- Parex/Meabra 800-226-2424
  - Merkrete BFP
  - Merkrete Hydro-Guard 2000
  - Hydro-Guard 1
  - Hydro-Guard SP-1
- Pasco 877-377-6466
  - Baseline Anti-Fracture & Waterproof Membrane (in California)
- Proflex 877-538-3437
  - CISM40, MSC90, SSC70
  - SIM40, SIM90, HydroMat
- Protecto Wrap 800-759-9727
  - AFM Anti-Fracture Membrane
- Schluter Systems, Inc. 800-472-4588
  - Schluter Ditra Matting
- SGM, Inc. 800-641-9247
  - Southcrete 1132
- Sonogrip 888-770-3434
  - Acoustic & Crack Isolation Adhesive
- Spectrum Mfg. Corp. 800-977-3703
  - Spectrum Super-Flex Anti-Fracture Membrane
- TEC 800-832-9023
  - 1Flex Crack Isolation Mortar over Maxxon Overspray
  - Crack Isolation Membrane
  - Triple Flex Waterproofing and Crack Isolation Membrane
- TeXtile 800-669-0115
  - Hydro-Rite

**Advanced Adhesive Technologies, Inc**

**1-706-226-0610**

**Floor Covering**

<table>
<thead>
<tr>
<th>Adhesive</th>
<th>Product #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Broadloom Carpet</td>
<td>APAC Turbo 2</td>
</tr>
<tr>
<td>Fast Grab</td>
<td>APAC Turbo 4</td>
</tr>
<tr>
<td>Premium Fast Grab</td>
<td>APAC Turbo 6</td>
</tr>
<tr>
<td>Universal Pressure Sensitive</td>
<td>APAC 610</td>
</tr>
<tr>
<td>Polyolefin Backed</td>
<td>APAC 620,630</td>
</tr>
<tr>
<td>All-Weather Outdoor</td>
<td>APAC 630</td>
</tr>
<tr>
<td>FeltBacked</td>
<td>APAC 100</td>
</tr>
<tr>
<td>Professional Multi</td>
<td>APAC 200</td>
</tr>
<tr>
<td>Commercial Multi</td>
<td>APAC 400</td>
</tr>
<tr>
<td>Contract Carpet</td>
<td>APAC 220</td>
</tr>
<tr>
<td>w/ Solvent Commercial Multi</td>
<td>APAC 330</td>
</tr>
<tr>
<td>Supreme</td>
<td>APAC 440</td>
</tr>
</tbody>
</table>

**Pedestrian Adhesive**

<table>
<thead>
<tr>
<th>Product</th>
<th>Adhesive #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional Solid/Vinyl</td>
<td>APAC 564</td>
</tr>
<tr>
<td>Premium Solid/Vinyl</td>
<td>APAC 584</td>
</tr>
<tr>
<td>Rubber Flooring</td>
<td>APAC 594</td>
</tr>
<tr>
<td>Contract Grade VCT</td>
<td>APAC 510</td>
</tr>
<tr>
<td>Professional Grade VCT</td>
<td>APAC 530</td>
</tr>
<tr>
<td>Supreme Grade VCT</td>
<td>APAC 539</td>
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<tr>
<td>Felt Backed Vinyl Sheet</td>
<td>APAC 321</td>
</tr>
</tbody>
</table>

**Wood Adhesive**

<table>
<thead>
<tr>
<th>Product</th>
<th>Adhesive #</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-in-1 Urethane</td>
<td>APAC 999</td>
</tr>
<tr>
<td>Universal Urethane</td>
<td>APAC 989</td>
</tr>
<tr>
<td>Urethane Engineered Wood Framing</td>
<td>APAC 979</td>
</tr>
<tr>
<td>Engineered, High Solids, VOC Compliant</td>
<td>APAC 757</td>
</tr>
</tbody>
</table>

**Bostik® Inc.**

**Durabond Brand Products**

**1-800-523-6530**

**Floor Covering**

<table>
<thead>
<tr>
<th>Adhesive</th>
<th>Product #</th>
</tr>
</thead>
<tbody>
<tr>
<td>LVT/Vinyl Sheet</td>
<td>Green Fusion 2, ITV Lock, Power Elastic</td>
</tr>
<tr>
<td>Carpet</td>
<td>Green Fusion 2, ITV Lock, Power Elastic</td>
</tr>
<tr>
<td>Hardwood</td>
<td>Bostik’s Best, Bostik’s TKO, Bostik’s HDCA, Bostik’s Pro-Cure, Bostik’s GreenForce</td>
</tr>
</tbody>
</table>

**Armstrong® Products**

**1-877-276-7876**

**Floor Covering**

<table>
<thead>
<tr>
<th>Adhesive</th>
<th>Product #</th>
</tr>
</thead>
<tbody>
<tr>
<td>LVT/Vinyl Sheet</td>
<td>S-543, S-288</td>
</tr>
<tr>
<td>Commercial Vinyl Sheet</td>
<td>S-599</td>
</tr>
<tr>
<td>Residential Vinyl Sheet (Feltbacked)</td>
<td>S-235, S-254</td>
</tr>
<tr>
<td>Linoleum</td>
<td>S-780</td>
</tr>
<tr>
<td>VCT</td>
<td>S-515, S-750, S-525, S-700</td>
</tr>
<tr>
<td>BBT</td>
<td>S-525, S-700</td>
</tr>
<tr>
<td>Hardwood/Laminate</td>
<td>Summit All-In-One Adhesive, ProConnect, Equalizer</td>
</tr>
</tbody>
</table>

Note: Maxxon Underlayments can be primed using Armstrong S-185 Latex Primer in lieu of Maxxon Overspray.
CONGOLIUM® PRODUCTS 1-800-274-3266

Floor Covering Adhesive
Ultima, Fast Track, FloorEver Plus, Prelude, Pacesetter, Forecast——3044 Premium Flooring
Composition Commercial Tile——AD-42 Clear Thin Spread
Endurance Plank, Endurance Tile, Ovations, Struture Plank——AD-32
AirStep Advantage, AirStep Evolution, AirStep Plus, AirStep Basic, Zon——AS01
DuraCeramic, DuraPlank II, Endurance Plank, Endurance Tile, Ovations——DS-100

DRITAC® WATERBASED ADHESIVE 1-800-394-9310

Floor Covering Adhesive
Wood
Laminated Wood Plank
Wood Parquet
Foam Back Parquet
Acrylic
Vinyl
Solid Vinyl Tile
VCT
Luxury Vinyl Tile
Luxury Vinyl Plank
Rubber
Rubber Tile
Cork
Cork Tile
Terrazzo
Composite Terrazo Tile
Carpet
Vinyl Backed Carpet Tile

EARTHWERKS® 1-800-275-7943

Floor Covering Adhesive
Earthwerks Luxury Vinyl Plank

CORK® 1-800-345-6202

Vinyl
Prestige Cork
Expando Rezorc

HAPPY FEET® INTERNATIONAL 1-706-937-2500

Floor Covering Adhesive
Extreme Cork Floating LVP——HF800 Pressure Sensitive Adhesive
Ironman Glue Down LVP——HF800 Pressure Sensitive Adhesive

KARNDREAN® INTERNATIONAL, LLC 1-888-266-4343

Floor Covering Adhesive
Vinyl Tile Plank——Korndean 2-part Epoxy Flooring Adhesive
Korndean Tuff-Grip TPS Adhesive

LOBA-WAKOL, LLC 1-800-230-6456

Floor Covering Adhesive
Cork
Wood——D1513, D3540
Polyurethane——K 410, MS 230, MS 260, MS 265, MS 290, PU 225
Engineered Wood——MS 250

Resilient Flooring
Luxury Vinyl——D3330
Multi-Flex Adhesive——D3318
PVC Adhesive——D3320

MANNINGTON® FLOORS 1-800-356-6787

Floor Covering Adhesive
Carpet
Vinyl Backed——Infinity, Integra-2, MGuard 718
Polyurethane Backed——MGuard Ultra
Carpet Tile——RV-500
Woven Synthetic——Ultra Premium
Hard Surface
VCT——MGuard V11
Premium Tile PT——MGuard V11
Resilient Sheet——V81
Vinyl Backed——V82, V88, MR-911
Luxury Vinyl Tile (LVT)——V88
Luxury Vinyl Plank——V88
Rubber
Sports Flooring Tile——MR-710
Rubber Flooring——MR-721
Rubber Tile——MR-725
Amtico
Luxury Vinyl Tile——Amtico 373

MAPEI® 1-800-992-6273

Adhesive Product #
Standard——Ultrabond ECO 20
Standard Quick-Grab——Ultrabond ECO 85
Professional——Ultrabond ECO 120, Ultrabond ECO 185
Premium Carpet Tile——Ultrabond ECO 350
Premium——Ultrabond ECO 220
Premium Wet Set——Ultrabond ECO 285
Premium Polyolefin-Backed——Ultrabond ECO 885

Resilient Flooring Adhesive
Standard Felt-backed Vinyl Sheet——Ultrabond ECO 190
Premium Sheet Goods——Ultrabond ECO 290
Professional Solid Vinyl——Ultrabond ECO 300
High-Tack Universal——Ultrabond ECO 350
Premium Solid Vinyl Sheet, Tile and Plank——Ultrabond ECO 360
Premium Linoleum——Ultrabond ECO 390
Premium Universal Rubber——Ultrabond ECO 560
Standard Thin-Spread VCT——Ultrabond ECO 611
Professional Thin-Spread VCT——Ultrabond ECO 711
Urethane——Ultrabond G19

Engineered Wood Adhesive
Professional Urethane——Ultrabond ECO 960, Ultrabond ECO 975
Solid Wood Adhesive
Professional Urethane——Ultrabond ECO 980

For Mapei’s recommendations on properly bonding floor coverings, surface preparation requirements, and other technical information, see Mapei’s Technical Bulletin 010313-TB – Gypsum-Based Floors and Walls: Which Mapei Products Can Be Applied?

MOHAWK® FLOORING 1-800-266-4295

Floor Covering Adhesive
Wood Floor——Pro-Tack MP90/MWU2
LVT——Mohawk M700, M950, M95 0

Note: Mohawk Underlayments can be primed using Mohawk Primecoat in lieu of Maxxon Overspray.
## PORCELANOSA® USA
1-657-549-6755

<table>
<thead>
<tr>
<th>Floor Covering</th>
<th>Adhesive</th>
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</thead>
<tbody>
<tr>
<td>Vinyl Flooring (EVT)</td>
<td>Contact Porcelanosa</td>
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## ROBERTS® CONSOLIDATED INDUSTRIES
1-800-423-9467

<table>
<thead>
<tr>
<th>Floor Covering</th>
<th>Adhesive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polypropylene, Latex Foam, Rubber-backed</td>
<td>3050, 3085, 3095, 3300, 3500, 3900, R3080</td>
</tr>
<tr>
<td>Urethane Foam, Hot Melts, Latex</td>
<td>3050, 3085, 3095, 3300, 3500, 3900</td>
</tr>
<tr>
<td>Woven, Polyurethane</td>
<td>3300, 3900</td>
</tr>
<tr>
<td>Carpet Tiles</td>
<td>2077</td>
</tr>
<tr>
<td>Vinyl</td>
<td>2001, 3000, 3085</td>
</tr>
<tr>
<td>Sheet vinyl</td>
<td>2057</td>
</tr>
<tr>
<td>VCT</td>
<td>2057</td>
</tr>
<tr>
<td>Vinyl Plank/Tile &amp; Rubber</td>
<td>R7901</td>
</tr>
<tr>
<td>Plank/Wood</td>
<td>1404, 1407</td>
</tr>
<tr>
<td>and Parquet Wood</td>
<td>1408, R1409, R1509, R1530</td>
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## ROYAL® ADHESIVES
1-864-967-7691

<table>
<thead>
<tr>
<th>Floor Covering</th>
<th>Adhesive</th>
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</thead>
<tbody>
<tr>
<td>Vinyl Tile, Vinyl Plank</td>
<td>Parabond 5820</td>
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## SHAW® FLOORS
1-800-441-7429

<table>
<thead>
<tr>
<th>Floor Covering</th>
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<tbody>
<tr>
<td>Resilient Vinyl Flooring</td>
<td>Shaw 200, Shaw 4100</td>
</tr>
<tr>
<td>Carpet</td>
<td>Shaw 3800</td>
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</table>

Note: Maxxon Underlayments can be primed using Shaw pH Blocker/Floor Primer in lieu of Maxxon Overspray.

## STAUF® ADHESIVES
1-866-458-3872

<table>
<thead>
<tr>
<th>Floor Covering</th>
<th>Product #</th>
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<tbody>
<tr>
<td>Carpet &amp; Pad</td>
<td>D737</td>
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<tr>
<td>High Tack</td>
<td>D737</td>
</tr>
<tr>
<td>Vinyl</td>
<td>AUM800</td>
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<tr>
<td>Wood</td>
<td>PIC850</td>
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<tr>
<td>EZ Tack</td>
<td>PUM950</td>
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## TANDUS CENTIVA® FLOORING
1-800-633-3380

<table>
<thead>
<tr>
<th>Floor Covering</th>
<th>Product #</th>
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<tbody>
<tr>
<td>Vinyl</td>
<td>Victory</td>
</tr>
<tr>
<td>Contour</td>
<td>Cent 6000 SP</td>
</tr>
<tr>
<td>Event</td>
<td>Cent 6000 SP</td>
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</table>

## TARKETT® SPORTS, INC
1-713-869-5811

<table>
<thead>
<tr>
<th>Floor Covering</th>
<th>Adhesive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resilient Flooring</td>
<td>Multi Set, Multi-Poxy Adhesive</td>
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</tbody>
</table>

## W.W. HENRY® ADHESIVES
1-800-232-4832

<table>
<thead>
<tr>
<th>Floor Covering</th>
<th>Product #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carpet &amp; Pad Commercial Carpet</td>
<td>176, 256, 351, 356C</td>
</tr>
<tr>
<td>Vinyl</td>
<td>256, 356C, 660</td>
</tr>
<tr>
<td>Felt Backed</td>
<td>176, 346, 660</td>
</tr>
<tr>
<td>Vinyl Composition</td>
<td>130, 420, 430</td>
</tr>
<tr>
<td>Vinyl Backed Sheet</td>
<td>422, 622, 640, 650P, 650R</td>
</tr>
<tr>
<td>Vinyl Tile Plank</td>
<td>422, 622, 650R</td>
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<tr>
<td>Linoleum</td>
<td>356C, 682</td>
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<tr>
<td>Tile</td>
<td>412</td>
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<tr>
<td>Rubber</td>
<td>314</td>
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<tr>
<td>Marble</td>
<td>317</td>
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<tr>
<td>Wood Flooring Engineered Wood</td>
<td>971, 1171N</td>
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<tr>
<td>Solid Wood</td>
<td>971, 1171N</td>
</tr>
<tr>
<td>Parquet</td>
<td>971, 1171N</td>
</tr>
</tbody>
</table>

Note: Maxxon Underlayments can be primed using Shaw pH Blocker/Floor Primer in lieu of Maxxon Overspray.