PROCEDURES

for Attaching Finished Floor Goods to Maxxon® Underlayments

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 infiltration 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 pores over 1/32” 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.

2a − APPLY MAXXON OVERSPRAY

Porosity of the floor is a prime factor in the drying rate of adhesives. This porosity factor may reduce the effective adhesive open time. An application of Maxxon® Overspray will minimize the porosity factor.

Before priming, test the underlayment for dryness. The underlayment must be fully dry before priming.

After diluting per the above rate, spray or roll the Maxxon Overspray at a rate of 300 sq. ft. (27.87 m²) per gallon of mix.

Make certain the surface to receive the Overspray is free of mud, oil, grease and other contaminants. For maximum results, the Overspray is applied about 1–2 hours prior to adhesive application.

Latex adhesives will not achieve maximum bond until moisture has dissipated. (Note: LevelRight® Maxx does not need to be primed.)

2b − MAXXON ACRYLIC SEALER OR MAXXON OVERSPRAY (OPTIONAL)

Occasionally the underlayment surface needs to be left open for long periods of time during demountable partition construction and office leasing. Maxxon® Acrylic Sealer as well as Maxxon Overspray were developed to act as a temporary wearing surface during this time.

After Step 1 is completed, dilute Acrylic Sealer or Overspray 6:1 by adding 6 gallons (22.7 L) of water to 1 gallon (3.8 L) of Acrylic Sealer or Overspray. Spray or roll this dilution at a rate of 200 sq. ft. (18.58 m²) per gallon of mix.

Maxxon® UWR can be used over Maxxon Underlayments in low traffic areas such as utility rooms, storage rooms and closets as a protective surface.

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® DFM or Maxxon® MWP, before installation of a Maxxon Underlayment.

2. Maxxon Overspray and Acrylic Sealer are non-flammable.

Do not freeze. Do not ingest. Overspray and Acrylic Sealer equipment may be cleaned with soap and water.

3. 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 manufacturer.

4. The structural subfloor and floor (just 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.

5. 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 twisting, turning, 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.

6. For installation of seamless epoxy floors over Maxxon Underlayments, contact your Maxxon Regional Representative at 800-356-7887 for application recommendations.

7. Recommended adhesives are included in this brochure. Perform a sample installation to test bond compatibility.

8. Where floor goods manufacturers require special adhesive or installation systems, their requirements supersede these recommendations.

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 subfloor, prior to underlayment installation, 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.

Notice: These procedures and recommendations are current with the Maxxon Quality Assurance Department as of this printing. Any questions concerning the content should first be addressed to your Maxxon applicator.

Warranty

See page 2

15 Year Anti-Fracture Warranty
**ANTI-FRACTURE RECOMMENDATIONS**

CERAMIC, QUARRY & MARBLE TILE
LEVEL-RIGHT® CEMENTITIOUS UNDERLAYMENT

For Level-Right® Self-Leveling Floor Underlayment, 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 underlayment and Level-Right cementitious underlayment, 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.

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**MEMBRANE APPLICATION**

Correlates to TCNA Handbook Method F180-07

V3 Wood Subfloor
Maxxon Underlayment
16’ O.C. Joist Spacing

- Wood or Stone
- Merkrete 710 Thinset
- Merkrete Fracture Guard 7000
- Maxxon Overspray
- Maxxon Underlayment
- Primer
- Plywood T&G Subfloor
- Truss, I-Joist or Sawn Lumber

Additional TCNA Installation Methods for Gypsum Underlayments:
- Concrete Subfloor F200-07
- Radiant Heat on Wood Subfloor RH112-07
- Radiant Heat on Concrete RH111-07

Additional TCNA Installation Methods for Cementitious Self-Leveling Underlayments
- SLU Wood Joist F185-07
- SLU Bonded/Concrete F205-07
- SLU Hydronic/Concrete RH112-07
- SLU Electric/Concrete RH116-07
- SLU Hydronic/Wood Joist RH123-07

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**Merkrete™ Fracture Guard 7000®
15-Year Warranty**

This one-step, mold resistant anti-fracture membrane is composed of a modified latex elastomer that produces a monolithic surface. Its thin section (approx. 25 mils) and excellent elongation inhibit the transferal of cracks from the substrate to the finished surface. The membrane is installed in a semi-fluid state and can be applied to any form or irregular shape (i.e. base moldings, corners, walls, etc.).

**USE**

Fracture Guard 7000 may be installed over any sound Maxxon approved underlayment to receive ceramic, quarry, porcelain and stone tiles and is ideal for residential and light commercial applications. Maxxon 101 Overspray Primer MUST be used prior to application of the Merkrete membrane system. When installed in accordance with manufacturer’s specifications, Fracture Guard 7000 will inhibit cracking caused by movement in the subfloor when tile and stone overlays are used. Overlays should be adhered using Merkrete 200 Krete Latex and 211 Krete Filler or 710 Premium Set Plus or any Merkrete latex fortified mortar to ensure compatibility. Fracture Guard 7000 may also be used as a moisture resistant product.

**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 over existing substrates or problem areas.

**15-YEAR WARRANTY**

Contact Merkrete Systems for details, 800-226-2424.
LAMINATE AND PARQUET WOOD FLOORING*  
Prepare the underlayment according to Steps 1 and 2 on the cover of this brochure.

GLUE-DOWN INSTALLATIONS  
See the table below for Maxxon® Corporation’s recommended adhesives. Other adhesives may also be compatible. Before applying any adhesive, make sure the underlayment is clean and has passed a dryness test. Apply primers and adhesives according to the manufacturer’s instructions. If you have any questions about the compatibility of primers and adhesives perform a small test patch installation. Let the test area set for 72 hours before removing the flooring.

GLUE-DOWN INSTALLATIONS OVER RADIANT FLOOR HEATING  
Glue-down laminated hardwood systems tend to be the most stable flooring systems for use with radiant heat. The cross-ply’s of the flooring boards make the flooring very stable and resistant to excessive expansion and contraction. Many wood flooring manufacturers produce pre-finished, square-edge laminated hardwood floors that are indistinguishable from nail-down systems. Since laminated systems are generally thinner than nail-down systems, the radiant system performance is improved due to lower resistance from the floor covering. See Detail C†.

MECHANICAL ATTACHMENT OF LAMINATED AND PARQUET WOOD FLOORING  
Follow the manufacturer’s recommendations for installations over a cementitious underlayment.

FLOATING FLOORS  
“FLOATING FLOORS” OVER RADIANT FLOOR HEATING  
Flooring boards are glued edge to edge and floated on a 1/8” (3 mm) foam pad. Since the flooring is laminated, it is a very stable system. Radiant system performance is about as good as with glue-down laminate systems. The foam pad adds some additional thermal resistance, but the floating floor laminates are generally thinner than glue-down laminates so the net performance effect is similar. See Detail I†.

“FLOATING FLOORS” OVER SOUND CONTROL SYSTEMS  
See Detail I†.

SOLID WOOD FLOORING  
Prepare the underlayment according to Steps 1 and 2 on the cover of this brochure.

MECHANICAL ATTACHMENT  
Attach solid wood flooring according to the instructions published by the National Wood Flooring Association (NWFA). Call NWFA at 800-422-4556, or view their website at www.nwfa.org.

MECHANICAL ATTACHMENT OVER RADIANT FLOOR HEATING  
Nail-Down Sleeper System  
With this system, 2” x 4” (51 mm x 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” x 4” (51 mm x 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 punching a tube. See Detail G & G2†.

WHERE PLYWOOD SUBSTRATE OVER MAXXON UNDERLAYMENT IS REQUIRED  
Using a 1/4” x 1/4” (6 mm x 6 mm) square-notched trowel to apply adhesive, set 4’ x 4’ (122 cm x 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 x 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 I†.

Single-Layer Nail-Down  
See Detail M†.

* 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
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.

SOLARBRIT® ALL-VINYL TILE

Prepare the underlayment according to Steps 1 and 2 on the cover of this brochure. Apply tile according to Solarbrit® 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 1/4" (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 SOUND CONTROL SYSTEMS

Use standard pre-nailed “Acoustical Concrete/Elastizell” carpet tack strip with 12 ga. spiral shank nail (nail exposure 1 inch). Halex Corporation 1-800-576-1636 Part No. PW-180.

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. It can be installed using any of the tackless methods previously described.
WOOD FLOORING OVER RADIANT FLOOR HEAT

**DETAIL C** LAMINATED FLOOR

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

**DETAIL D** FLOATING FLOOR

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

**DETAIL H** NWFA SINGLE-LAYER FLOOR

- **HARDWOOD FLOORING**
- **8" x 16" STRIPS OF 3/4" (19 mm) PLYWOOD or See Page 3**
- **VAPOR BARRIER**
- **APPROVED MAXXON® UNDERLAYMENT**
- **SUBFLOOR**

**DETAIL I** LAMINATED FLOOR

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

**DETAIL J** FLOATING FLOOR

- **RADIANT TUBE**
- **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**
- **2 1/4" (19 mm) 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**
- **8" x 16" STRIPS OF 3/4" (19 mm) PLYWOOD**
- **NAIL FLOORING TO PLYWOOD**
- **APPROVED MAXXON® UNDERLAYMENT**
- **MAXXON SOUND MAT®**
- **SUBFLOOR**

*Maxxon Sound Mats: Acousti-Mat 1/8 • Acousti-Mat 1/4 • Acousti-Mat 1/4 Premium • Acousti-Mat 3/8 • Acousti-Mat 3/8 Premium • Acousti-Mat 3/4 • Acousti-Mat 3/4 Premium*
ADDITIONAL ANTI-FRACTURE MANUFACTURERS

- Hydro-Rite
- Triple Flex Waterproofing
- 1Flex Crack Isolation Mortar
- CISM-40, MSC-90, SSC-70
- CISM40, SIMC90, Hydro-Mat
- TEC
- 1Flex Crack Isolation Mortar over Maxxon Overspray
- Crack Isolation Membrane
- Triple Flex Waterproofing and Crack Isolation Membrane
- Texrite
- Hydro-Rite

APAC® (ALL PURPOSE ADHESIVE CO.)
1-800-747-2722

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Resilient Adhesive
- Professional Solid/Vinyl: APAC 564
- Premium Solid/Vinyl: APAC 584
- Rubber Flooring: APAC 594
- Contract Grade VCT: APAC 510
- Professional Grade VCT: APAC 530
- Supreme Grade VCT: APAC 539
- Fastback Vinyl Sheet: APAC 321

Wood Adhesive
- 3-in-1 Urathane: APAC 999
- Universal Urathane: APAC 989
- Urathane Engineered Wood Framing: APAC 979
- Engineered, High Solids, VOC Compliant: APAC 757

BOSTIK® INC.
DURABOND BRAND PRODUCTS
1-800-523-6530

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CONGOLEUM® PRODUCTS 1-800-274-3266

Floor Covering                        Adhesive
VCT                                    Multi-Flex Adhesive
DRITAC® WATERBASED ADHESIVE 1-800-394-9310

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

EARTHWERKS® 1-800-275-7943

Floor Covering                        Adhesive
Earthwerks Luxury Vinyl Plank          ECO 350, ECO 351

EXPANKO® CORK 1-800-345-6202

Vinyl                                   Wakoal D5340
Prestige Cork                           Wakoal D5340
Expango XCR®                             Wakoal D5340

HAPPY FEET® INTERNATIONAL 1-706-937-2500

Floor Covering                        Adhesive
Extreme Cork Floating LVP              F6800 Pressure Sensitive Adhesive
Ironman Glue Down LVP                   F6800 Pressure Sensitive Adhesive

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

Floor Covering                        Adhesive
Vinyl Tile Plank                       Karndean 2 part
KARNDENAE® Tuff-Grip Epoxy Flooring Adhesive
Karndean Tuft-Grip Epoxy Flooring Adhesive

LOBA-WAKOL®, LLC 1-800-230-6456

Floor Covering                        Adhesive
Cork                                    D3153, D3540
Wood                                    K 410, MS 230, MS 260, MS 265, MS 290, PU 225
Engineered Wood                        MS 250

MANNINGTON® FLOORS 1-800-356-6787

Floor Covering                        Adhesive
Carpet                                 Infinity, Integra-2, M-Guard 718
Vinyl Backed Carpet Tile               M-Guard 811
Polyurethane Backed Carpet Tile        M-Guard Ultra
Woven Synthetic Carpet Tile            RV-500
Hard Surface                           Ultra Premium
VCT                                     M-Guard V-11
Premium Tile PT                        M-Guard V-11
Resilient Shear                        V-81
Vinyl Backed Shear                      V-82, V-88, MR-911
Luxury Vinyl Tile                      V-88
Luxury Vinyl Plank                     V-88
Rubber                                 MR-710
Sports Flooring Tile                   MR-721
Rubber Tile                            MR-725
Amatico                                Amatico 373

MAPEI® 1-800-992-6273

Adhesive                                Product #
Standard                               Ultrabond ECO 290
Standard Quick-Grab                     Ultrabond ECO 190
Professional Carpet Tile               Ultrabond ECO 320
Premium                                Ultrabond ECO 320
Premium Wet Set                        Ultrabond ECO 285
Premium Polyolefin-Backed              Ultrabond ECO 885
Resilient Flooring Adhesive
Standard Feltbacked 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 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                    Ultrabond ECO 980
Professional Urethane                  Ultrabond ECO 980

MOHAWK® FLOORING 1-800-266-4295

Floor Covering                        Adhesive
Wood Floor                             Pro-Tack M908/WUA2
LVT/ECC                                 Mohawk M700, M950, M95.0
Note: Mohawk Underlayments can be primed using Mohawk Primecoat in lieu of Mohawk Overspray.

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