

# SUBFLOORS, SUBFLOOR PREP + MOISTURE METERS



## AAT LLC

AAT-722 is a two-part urethane, waterproof leveling compound. It is ideal for installations of a wide range of floorings over concrete slabs with high moisture content, the company says. AAT-722 is also an effective moisture barrier for concrete subfloors with up to 18 pounds MVER and 97% in situ RH. AAT adhesives can be applied directly to the leveler in four hours. [aatglue.com](http://aatglue.com)

## AdvanTech

AdvanTech subfloor adhesive is a foam-to-gel formula that applies quickly and easily with a gun applicator, filling in gaps for a firm bond even on irregular surfaces, the company says. Due to its moisture-curing polyurethane properties, it can be applied to frozen or wet wood, and its polyurethane bond exceeds ASTM D-3498 adhesive standards, the company adds. [advantechquiet.com](http://advantechquiet.com)



## AGT Products Inc.

AGT's Insul-Armor Insulated Subfloor Panel features OSB with graphite-infused molded EPS insulation. This prevents moisture from wicking up while maintaining a consistent R-value of 3.15 to increase the finished floor temperature by 10.8 degrees Fahrenheit. Air Gap Technology encourages constant air flow to vent and dry surface moisture from the basement concrete floor, the company says. [insul-armor.com](http://insul-armor.com)



## WFB PREMIUM PARTNER

## Bona US

Bona R540 is a one-component, roll-on moisture membrane specially designed to mitigate vapor transmission on all subfloors, including gypsum-based underlayments. The polyurethane reactive primer is compatible with the entire Bona Adhesive System. Only one coat is needed when using Bona 1250G or 1500G trowel and any Bona Silane Adhesive, the company says. [bona.com/en-US/Bona-Professional/](http://bona.com/en-US/Bona-Professional/)





**Bostik**

A rapid-setting, cement-based, self-leveling underlayment, SL-Rapid creates a smooth, flat, level surface prior to installation. Fast-setting, low shrinkage and superior leveling properties make it ideal for time-sensitive/demanding applications on, above or below grade. Moisture-sensitive floorcoverings can generally be installed in four hours after underlayment.

[bostik.com/us](http://bostik.com/us)

**Cal-Flor Accessory Systems**

SilverStep is folded in an accordion style to speed up the installation process by lying flat and not curling or re-rolling, the company says. Additionally, the printed grid on top makes laying and trimming easier, and the product's cross-linked foam provides moisture and sound protection.

[cal-flor.com](http://cal-flor.com)



**dB Sound Control Solutions**

The dB-4Pro is a mass-loaded, limp-vinyl sound-dampening material that has been engineered to reduce sound transmission. It is used underneath hard flooring surfaces to reduce both impact and airborne noises and delivers an impact insulation class (IIC) as high as 70 on concrete slabs.

[dbsoundcontrol.com](http://dbsoundcontrol.com)

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### Delmhorst Instrument Co.

ProScan is Delmhorst's pinless moisture meter for flooring installers and inspectors to determine if wood is at equilibrium with its environment. ProScan has built-in species correction capability through specific gravity adjustment to measure a wide range of wood types, making it ideal for wood flooring, the company says.

[delmhorst.com](http://delmhorst.com)

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### DriTac Flooring Products LLC

Primer 3000 is a concentrated, solvent-free acrylic primer for use on concrete, wood and lightweight underlayment. Self-leveling underlayment and floor patches can also be installed over Primer 3000 for wood, resilient and carpet tile flooring installations. The single-component, quick-drying primer offers easy application by broom, sprayer or nap roller, the company says.

[dritac.com](http://dritac.com)



### Electro Plastics Inc./Step Warmfloor

Step Warmfloor is a low-voltage, self-regulating, PTC Nano-polymer heating system. Its self-regulating properties mean the elements act as a floor sensor over the whole surface—they cannot overheat and can go under all floors, including wood. The system can run on AC/DC and is extremely energy efficient, the company says.

[warmfloor.com](http://warmfloor.com)

### Fidbox LLC

The HMbox monitors the job site and substrate pre-installation, and the Fidbox (embedded into the floor) monitors the product, substrate and job site post-installation. These pre- and post-installation tech tools save the contractor time, money, aggravation and possible litigation, the company says. The devices create reports that can be printed or emailed to the flooring manufacturer, builder, homeowner or whoever has interest in the data they collect.

[fidbox.net](http://fidbox.net)



### Fortifiber Building Systems Group

The Accord sound-rated flooring pad maintains comfort underfoot, providing an acoustic barrier along with dependable moisture vapor protection with no detectable VOCs, the company says. Its integrated seam seal tape makes it easy to install, the company adds. It is also a Class I moisture vapor barrier over concrete.

[fortifiber.com](http://fortifiber.com)

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**Lignomat USA Ltd.**

The Ligno-Scanner SDM dual-depth, pinless meter is designed for measuring engineered flooring. The 1/4-inch setting measures the hardwood top layer, and the 3/4-inch setting measures the overall board. The plywood can be measured from the back side on the 1/4-inch setting. The meter also measures vertical, horizontal and strand bamboo on the 1/4-inch depth setting.

[lignomat.com](http://lignomat.com)



**Loba Wakol LLC**

The Wakol PU 280 Moisture Barrier is a one-component waterproof primer for porous and non-porous subfloors and for rigidifying soft subfloor surfaces. It is a premium moisture barrier for "green" concrete slabs and for concrete and offers two levels of moisture protection, the company says.

[loba-wakol.com](http://loba-wakol.com)

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## MAPEI

Planiprep MRS is a hydraulic-cement-based compound that is formulated for skim-coating and patching interior horizontal concrete surfaces with high moisture content or where environmental controls are not operational. Planiprep MRS has no moisture vapor emission rate (MVER) limitations and can be installed without prior testing on properly prepared concrete substrates, the company says. [mapei.com](http://mapei.com)



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## MP Global Products

QuietWalk Plus is a universal underlayment with an enhanced vapor barrier attached that allows fasteners to penetrate and allows adhesives to bond to it, the company says. The dense fibers are designed to stop unwanted noise from traveling. It can be used with floating, glue-down and nail-down wood floors. [quietwalk.com](http://quietwalk.com)

## National Hardwood Flooring

National Hardwood's Cork is a compressed mix of medium and small granules with resin binder. It is a natural product, helps control sound and is a thermal insulation, the company says. [nationalhardwood.com](http://nationalhardwood.com)



## Pallmann

Pallmann P-108 is a two-component, 100% solids epoxy resin primer and moisture vapor retarder for concrete substrates with high residual moisture, as well as a surface hardening primer for absorbent substrates. It can also be used as a bonding agent on abraded ceramic tile, stone and terrazzo surfaces or well-bonded adhesive residues, the company says. [pallmann.us](http://pallmann.us)



## Protimeter

The Protimeter Surveymaster, a dual-function moisture meter, is designed to provide a rapid assessment of building moisture with both pin and non-invasive measurement capabilities, the company says, adding that it has rugged construction and a large backlit display. It can be used in new construction, refurbishing, building surveys, fire and flood restoration, concrete and wood floor moisture measurement. [protimeter.com](http://protimeter.com)

## ProTeam

The LineVacer HEPA provides a powerful defense against microscopic dust and allergens, the company says, adding that its certified HEPA filtration extracts and traps harmful particulates. The vacuum is ideal for recovering mold, lead, asbestos and other toxic materials for safe disposal and the unit comes complete with a Remediation Tool Kit. [proteam.emerson.com](http://proteam.emerson.com)





**Q.E.P. Co. Inc.**

QEP Natural Cork Underlayment reduces acoustic and heat transmissions and acts as a crack isolation membrane that resists transfer of subfloor stress cracks, the company says. Its renewable material is used under engineered hardwood, ceramic tile, marble and laminate floors. It is available in 2.5-, 4-, 6- and 12-mm sheets and 3- and 6-mm rolls.  
[qep.com](http://qep.com)

**Regupol Acoustics**

Regupol Sonus sound control underlayment is a high-performance underlayment for hardwood floors that reduces impact transmission noise, the company says. The product is made from 100% post-consumer waste. It varies in thickness from 2–25 mm and is rated up to IIC 74, STC 66 and Delta 27.  
[regupol.us/acoustics](http://regupol.us/acoustics)



**Schönox, HPS North America**

Schönox AP and APF are synthetic-gypsum-based self-leveling compounds suitable for all critical interior substrates, the company says. AP is installed up to 2 inches while APF is installed from 1/8 inch up to 1 inch and features embedded reinforcement fibers. Schönox AP and APF offer 5800–6200 PSI, do not shrink and contain no fly ash, the company adds.  
[hpsubfloors.com](http://hpsubfloors.com)

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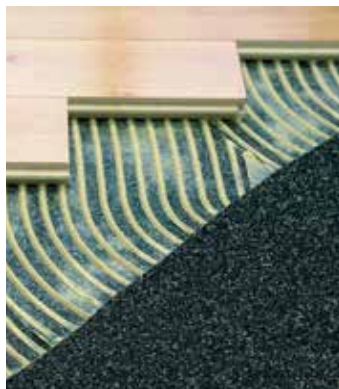
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[wfbmag.co/WFBBuySellGroup](http://wfbmag.co/WFBBuySellGroup)

### Signature Innovations LLC

FlexiKork is an environmentally friendly, antimicrobial underlayment manufactured from high-quality recycled rubber. The product increases sound ratings, reduces subfloor stress and does not shift or break down, the company says. It is available in 4-foot-wide rolls of 1/8- or 1/4-inch thickness and works with all floor-heating systems. [flexikork.com](http://flexikork.com)



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**Stauf USA LLC**

ULC-500 Level-Seal is a two-component urethane leveling compound capable of creating a moisture barrier of up to 18 pounds CC or 97% RH. Level-Seal provides STC and IIC sound insulation and can be directly adhered to in just under four hours. [staufusa.com](http://staufusa.com)



### Sika Corporation

Sika MB is a two-component epoxy moisture barrier that can be used with all flooring systems that require protection from subfloor moisture. It provides protection up to 100% RH, 25 pounds CC, and 6% Tramex. Sika MB can promote adhesion over top of cutback and consolidates weak substrates like gypsum, the company says. [sikasecure.com](http://sikasecure.com)



### ThermoSoft

WarmStep is the only Electric Floor Heating designed to be used with nail-down, glue-down or floating floors, the company says. It is approved by NWFA Guidelines as a fabric heating mat with thermal-cut-off for direct contact with floor covering. It can be installed at same time as the flooring, above the subfloor without sleepers, transformers or embedding in cement. [warmstep.com](http://warmstep.com)



### Tramex Meters

Tramex offers the Feedback Datalogger and App for performing ASTM F2170 and logging up to 100,000 data point entries of relative humidity, temperature, dew point and grains per pound, transmitting via Bluetooth BLE technology to a mobile device. Users can visualize live and logged readings and create and export spreadsheets, charts and reports. [tramexmeters.com](http://tramexmeters.com)

### Wagner Meters

The award-winning Orion 950 Smart Pinless Wood Moisture Meter features Bluetooth connection to smart device apps, EMC calculation, a built-in temperature and RH sensor, and dual depth moisture measurement. The Orion 950 is backed by an industry-leading 7-year warranty and comes with an on-demand calibrator, the company says.

[wagnermeters.com](http://wagnermeters.com)



### WerkMaster

The RASP can be used as an edger sander to refinish hardwood and wood decking faster and more cost-effectively than traditional machines, the company says. It can edge within 1/8 inch of the wall and removes coatings such as thin-set, mastic, epoxy, carpet glue and paint. It also levels and preps floors.

[werkmaster.com](http://werkmaster.com)

### Weyerhaeuser Edge Gold

Each Weyerhaeuser Edge Gold panel is touch-sanded to provide uniform appearance and tighter thickness tolerances, the company says. The face of every panel is stamped with a fastening template and each bundle ships face-up, ready for easy and accurate installation right off the truck. The panels are designed to install flat and remain flat, the company adds.

[wy.com/osb](http://wy.com/osb)



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