CONTINUED FROM FRONT...

with some sealants. Consult sealant manufacturer and test for interaction with any sealant to be used.

INSTALL FORTIFLASH FOR FLOORS OVER CONCRETE

• After fitting, roll back half of the FortiFlash membrane to expose the concrete sub-floor.
• Test for adhesion. If FortiFlash does not adhere to concrete the surface must be primed.
• Prime this area of the slab with Fortifiber Primer, easily applied with brush, roller or sprayer; no substitutions. Apply FortiFlash after primer becomes tacky. Primer activates the bond between FortiFlash and the concrete to achieve the best possible bond.
• Peel away the release paper and press membrane firmly over substrate.
• Repeat above steps with other half and install the next roll of FortiFlash.
• Seams between rolls must be overlapped a minimum of 4” or butted and taped with Fortifiber’s Moistop® Tape; no substitutions.
• After covering the entire area, apply sufficient pressure to adhere, then use a 100 lb. roller over the entire membrane to ensure full contact between Moistop Tape, FortiFlash and concrete. Seams and cutouts around posts, pipes and other protrusions must be overlapped and taped to seal.
• To remove air pockets, use a sharp knife to slit the pocket and compress with a trowel or J-roller and seal with FortiFlash or Moistop Tape. If FortiFlash folds and seals to itself, cut out damaged area and install a repair piece using tape and seam technique.
• Do not puncture FortiFlash with flooring cleats or staples when installing flooring. Never adhere flooring directly to FortiFlash membrane.
• Fortifiber’s Aquabar® Class II vapor retarder must be applied over wood sub-floor as a secondary vapor retarder; no substitutions.
• Install flooring over Aquabar following wood floor manufacturer’s instructions.

SCREED SYSTEMS OVER CONCRETE

Screeds may be mechanically attached through FortiFlash to concrete following fastener manufacturer’s recommendations. Follow wood floor manufacturer’s or NWFA Guidelines for proper installation of screed systems over concrete and for proper selection and installation of wood flooring over screeds or screed with wood sub-floor panels.

FLOATING FLOOR OR FLOATING SUB-FLOOR SYSTEMS

Any floating floor or floating sub-floor system may be installed over FortiFlash. Follow wood floor manufacturer’s or NWFA Guidelines for proper installation of floating floor or floating sub-floor systems. Do not puncture FortiFlash with cleats or staples used to install flooring over nail down floating sub-floor systems.

FORTIFLASH FOR FLOORS WARRANTY

This product may be eligible for a 15 year limited warranty when installed following Fortifiber’s installation instructions in a floor system installed following NWFA guidelines and accepted industry practices. Please see our website at www.fortifiber.com/warranty.htm for details.

Call 1-800-773-4777 Nationwide for Technical Assistance or visit our website at www.fortifiber.com

Fortifiber Building Systems Group

Protecting Your World from the Elements®

NATIONAL SALES OFFICE - Fernley, NV
Moisture and moisture vapor are the enemy in any wood floor installation. Moisture vapor emission from the concrete can cause wood flooring or sub-floors to warp, cup and buckle. Controlling other moisture related issues such as mold and mildew is imperative to a successful wood floor installation.

FortiFlash for Floors waterproof vapor retarder membrane is part of a complete moisture control system for floors, walls, concrete slabs and windows. When integrated into a building envelope, our moisture solutions help manage and eliminate moisture related problems.

**Premium Self-Adhesive Concrete Floor Membrane**
FortiFlash for Floors is a Class I, self-bonding, waterproof, vapor retarder membrane with self-sealing properties. It is ideally suited for use under floating or mechanically fastened wood panel sub-floors under hardwood, carpet, laminate or resilient floors. It is a two-part material with an SBS modified asphalt base layer and a high strength, cross laminated, high density polymer film. It is a premium Class I vapor retarder and moisture barrier for wood floors installed over concrete slabs, at an economical price compared to other moisture control solutions.

It provides more effective performance than the traditional asphalt-felt-asphalt waterproofing systems of the past without the mess, extra labor and time involved with those installation materials. FortiFlash for Floors can be installed around protrusions and into the tightest corners without delaminating or tearing.

**MECHANICALLY ATTACHED SUB-FLOOR SYSTEMS**
Under a mechanically attached wood panel sub-floor over concrete, the elastomeric base layer’s self-sealing properties help to reduce or prevent moisture migration around the fastener, thereby providing a monolithic layer of protection for the sub-floor and the finished flooring system.

**FLOATING FLOOR SYSTEMS**
FortiFlash for Floors can also be installed under floating floor systems, floating sub-floor systems and screed systems over concrete. When installed under nail-down floating floor systems it resists damage during installation of the sub-floor and protects the flooring system against moisture damage from below. It also protects floating laminate and engineered floors from moisture when installed following floor manufacturer’s installation instructions.

FortiFlash for Floors integrates with Fortifiber’s® complete system of flooring products and moisture resistive barriers for walls, windows and concrete to form a comprehensive moisture control system that protects the interior and exterior of structures from moisture intrusion.

**Decades of Proven Performance**
FortiFlash for Floors is a product distributed by the Fortifiber Building Systems Group®. With more than a seventy-five year history of proven performance, technical expertise and practical know-how, the company has become a trusted partner to builders, architects and code officials.
For optimum adhesion, FortiFlash should be applied at temperatures between 40°F (4.4°C) and 120°F (48.9°C). Be cautious about using FortiFlash where it can be exposed to temperatures above its Service Temperature. Product should be covered as soon as possible (exposure not to exceed 45 days). Inspect product to ensure it is free of any damage which may compromise its moisture-resistive properties. FortiFlash is not compatible with EPDM or flexible (plasticized) Polyvinyl Chloride (PVC) based membranes. FortiFlash is not compatible with some sealants. Consult with sealant manufacturer for compatibility information. Direct exposure of sealant to the adhesive side of FortiFlash can be detrimental if the amount of sealant exceeds what is specified in Fortifiber’s installation guide. Please follow installation guide recommendations regarding location and amount of sealant to be used. Fortifiber strongly recommends using Moistop® Sealant and Liquid Flashing for any installation where sealant may come in contact with the FortiFlash adhesive.

Availability: The Fortifiber Building Systems Group’s products are distributed nationwide through authorized flooring distributors. For product information and pricing, please call a Fortifiber distributor near you. If you need assistance locating a participating distributor, please call our Customer Service Department at 1-800-773-4777.

Fortifiber Warranty: This product may be eligible for our FortiFlash for Floors 15 year limited warranty when installed following manufacturer’s recommendation and accepted industry practices. Please see our website at www.fortifiber.com/warranty.htm for details.

Fortifiber Corporation warrants that its products are in compliance with their published specifications and are free from defects in materials and workmanship for a period of two years from the date of purchase. This warranty does not apply to loss due to abuse. Material found to be defective will be replaced at no charge by Fortifiber, but in no event shall Fortifiber be liable for any other costs or damages, including any labor costs.

THIS EXPRESS WARRANTY IS GIVEN IN LIEU OF AND EXCLUDES ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Fortifiber’s sole obligations under this warranty are as set forth herein. In no event shall Fortifiber be liable for any lost revenue or profits, direct, indirect, special, incidental or consequential damages of any kind.
CONCRETE SUBSTRATE SPECIFICATIONS
• Always follow local building codes, NWFA Guidelines and wood floor manufacturer’s instructions for proper concrete slab conditions.
• Concrete slab must not be subject to hydrostatic pressure.
• Concrete must be cured a minimum 30 days prior to moisture testing.
• A slab is suitable for installation of FortiFlash for Floors Class I membrane with a moisture reading of at most one of the following:
  - by the Calcium Chloride test, ASTM F-1869, reading of ≤ 10 lbs
  - by the Relative Humidity test, ASTM F-2170, of ≤ 85%
  - by the Calcium Carbide test, ASTM D-4944 (modified), ≤ 4%
• Concrete surface areas requiring patching or leveling use cement based products.
• Concrete must be dry, flat, structurally sound, level, and free of all surface debris, dirt, oil, sealers, loose or chalky concrete, and other contaminants. Vacuum and damp mop to remove dust.

FORTIFLASH FOR FLOORS FITTING
• For ease of installation, do not remove the release paper on FortiFlash for Floors prior to fitting. Fit to wall plates under drywall and door jambs.
• Fit FortiFlash for Floors in the largest sections possible, allowing for door openings, wall partitions and plumbing. This can be done by measuring or fitting FortiFlash for Floors directly over the surface to be covered, or use standard scribing-paper methods with FortiFlash for Floors to transfer measurements accurately. Once the largest sections have been properly positioned, use a sharp utility knife to cut out any openings and fit into place.
• FortiFlash for Floors is not compatible with EPDM or flexible (plasticized) Polyvinyl Chloride (PVC) based membranes. FortiFlash for Floors is not compatible...