

Save money and time
on concrete moisture protection for flooring.



VersaShield®

Install today.
In business tomorrow.

No downtime.
No lost business.

VersaShield rolled moisture barrier products
slash up to half the total cost
with moisture mitigation
up to 99.5% RH.

www.VersaShield4Floors.com

Table of Contents

Introduction to VersaShield	3
VersaShield Products and Properties	4
VersaShield Approved Floor Coverings	5
VersaShield Addressing Vinyl Tile Issues or Chemically Abated Slabs	5
VersaShield General Installation Guidelines	
Training and Certification	6
Slab RH Testing and Pre-Installation Requirements	6
Concrete Substrate Preparation	6
Installation Over Existing Resilient Flooring	7
VersaShield MBX Installation	7
VersaShield 95 Installation	8
Finished Flooring Installation	9
VCT, LVT/LVP, SDT, and SVT	9
Carpet and Carpet Tiles	9
Laminate, Bamboo and Engineered Wood	10
Ceramic Tile, Porcelain Tile, and Natural Stone	10
Specialty Flooring	11
Box Grid Installation Method	11
VersaShield MBX 10-Year Limited Warranty	12
VersaShield 95 10-Year Limited Warranty	14





An Innovative Moisture Mitigation System for Concrete Slabs

VersaShield Saves...

- Time: gets you back in business quickly, with no delay and no downtime
- Money: half the cost of other moisture mitigation methods (labor, materials, no lost business)
- Hassle: no mess and easy to install, requiring no extensive training for flooring installers

VersaShield Works...

- Effective: over 50 million square feet installed, perfect for planned flooring removal
- Warrantied: 10-year limited warranty on all VersaShield products
- LEED contributing: environmentally friendly with zero VOCs

VersaShield Products Address Alkalinity and High Moisture...

VersaShield[®] MBX protects against alkalinity and moisture up to 99.5% RH (relative humidity)

VersaShield[®] 95 protects against alkalinity and moisture up to 94.9% RH

Each year, in the US, moisture causes over \$1 billion of damage to flooring. Only rolled moisture barriers and epoxies effectively address very high moisture situations. **But only VersaShield** gets the job done quickly and at half the cost of epoxies.

Epoxies	VersaShield [®]
1. Demolition	1. Demolition
2. Shotblast	2. Fill cracks
3. Fill cracks	3. Install VersaShield
4. Mix epoxy	4. Apply adhesive
5. Apply epoxy	5. Install flooring
6. Drying (hours or days)	
7. Skim coat	
8. Apply adhesive	
9. Install flooring	



There is no downtime, no fumes, dust, or debris, and no need to move fixtures or close the business. VersaShield is safe for installers; some other mitigation products contain known carcinogens or produce dangerous fumes.

Just install today and be in business tomorrow.

VersaShield Products and Properties

VersaShield MBX protects against alkalinity and moisture in concrete slabs up to 99.5% RH and can be identified by its dark blue surface. **VersaShield MBX seam tape** (2.5" wide and 180' long, blue) is used to tape the seams of VersaShield MBX. **VersaShield double-sided tape** (4" wide and 100' long, white) is used underneath the seams of regular VersaShield MBX installations. The double-sided tape is also utilized in heavy rolling load installations using a box grid method (page 11).

VersaShield 95 protects against alkalinity and moisture in concrete slabs up to 94.9% RH and can be identified by its gray surface. **VersaShield 95 seam tape** (2" wide and 180' long, gray) is used to tape the seams of VersaShield 95. **VersaShield double-sided tape** (4" wide and 100' long, white) is utilized in heavy rolling load installations using a box grid method (page 11).

VersaShield MBX Installation Products



VersaShield MBX

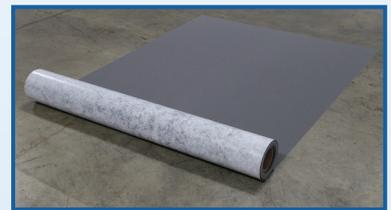


VersaShield MBX Seam Tape



VersaShield Double-Sided Tape

VersaShield 95 Installation Products



VersaShield 95



VersaShield 95 Seam Tape



VersaShield Double-Sided Tape (heavy rolling loads)

VersaShield Properties	Testing Method	Measurements - Results
Roll Size	—	5' x 144' (720 sq. ft.)
VersaShield MBX Minimum Basic Weight	ASTM D2646	12.5 lbs. per 100 sq. ft.
VersaShield 95 Minimum Basic Weight	ASTM D2646	11.5 lbs. per 100 sq. ft.
VersaShield MBX Minimum Thickness	ASTM D5729	28.0 mils
VersaShield 95 Minimum Thickness	ASTM D5729	24.0 mils
VersaShield MBX Permeance	ASTM E96	0.044 grain h ⁻¹ ft ⁻² in Hg ⁻¹
VersaShield 95 Permeance	ASTM E96	0.084 grain h ⁻¹ ft ⁻² in Hg ⁻¹
Maximum PH Allowed	—	12
Fungi and Mold Resistance	ASTM G21-15	Does not sustain mold growth
VOC	ASTM D5197	Zero VOC product
Formaldehyde	ASTM D5197	Passes
Flammability	ASTM D2859-96	Passes
Dimensional Stability	ASTM D7570	Passes
Radiant Panel	ASTM E648-10	Passes
Smoke Density	NFPA 258	Passes
Residual Indentation	ASTM F970	Passes
Acoustical rating using 6" concrete and 1/2" engineered wood, no suspended ceiling assembly		
	ASTM E492-04	IIC = 51
	ASTM E90-04	STC = 52

Safety Data Sheets and Specification Sheets can be found by visiting our Installation page at www.VersaShield4Floors.com. More information about our ASTM credentials are available upon request; please contact our Technical Services team at 800-576-1636.

VersaShield Approved Floor Coverings

The products list below have been approved for VersaShield installations. If your product is not identified, please contact our Technical Services team for additional information at 800-576-1636. Always follow your specific flooring manufacturer's recommendations for installation over non-porous substrates.

VersaShield MBX and VersaShield 95 Approved Floor Coverings

Carpet tile
VCT-vinyl composition tile
SVT-solid vinyl tile
LVT/LVP-luxury vinyl tile/luxury vinyl plank
SDT-static dissipative tile
Laminate flooring
Ceramic tile
Porcelain tile
Natural stone
Broadloom carpet
ActionBac®-stretch-in, double glue and direct glue carpet
PVC backed carpet
Urethane foam backed carpet
Compressed urethane backed carpet
Recycled backed carpet
Engineered wood-floating or direct glue
Bamboo

VersaShield MBX and VersaShield 95 Specialty Floor Coverings

The specialty floors below require review to verify existing conditions and use to ensure the best installation; please contact our Technical Services team at 800-576-1636 for a warranty registration form.

Commercial and residential sheet vinyl flooring
Rubber flooring
Resilient sports flooring
Wood court flooring

VersaShield Addressing Vinyl Tile Issues or Chemically Abated Slabs

In situations where vinyl tiles are not damaged or friable, VersaShield may be installed right over those tiles and new flooring can be installed over the VersaShield. VersaShield may also be installed over chemically abated slabs and the installation can be completed with the flooring and adhesive protected from future contamination. Each VersaShield installation used with vinyl tile issues or chemically abated slabs must be reviewed by our Technical Services team; please contact the Technical Services team at 800-576-1636.

VersaShield General Installation Guidelines

VersaShield Training and Certification

VersaShield allows the product to be installed with minimal training and does not require certification. All VersaShield guidelines should be followed when installing the product and should be performed in conjunction with industry and trade guidelines. For onsite training and support, please contact our Technical Services team at 800-576-1636 or visit our website at www.VersaShield4Floors.com.

Slab RH Testing and Pre-Installation Requirements

All concrete slabs, regardless of grade, should be tested for moisture content using the approved method of RH in-situ probe testing in accordance to the latest version of ASTM F-2170. Slabs should only be tested 28 days after pour and once the slab has been allowed to realize appropriate service conditions, which includes permanent heat/HVAC operations and complete enclosure of the space.

Acclimate all flooring materials and adhesives in accordance with the flooring manufacturer's recommendation. Floors and the planned installation space should be conditioned at least 48-72 hours prior to the start of the installation. Environmental conditions should remain constant during the installation and after the installation is completed. Permanent HVAC should be in operation and set to between 65°F - 85°F.

Always inspect the VersaShield membrane, tapes and flooring materials for physical damage and/or defects. The installation of defective or damaged materials, in most cases, may deny any future rights to a claim.

VersaShield installations, including floor preparation and finished flooring, should not be started or installed where further trade work on or above the product will be required. Always read the associated documentation and installation instructions for all flooring, adhesives and underlayment to be installed.

When selecting adhesives, VersaShield 95 and VersaShield MBX are considered non-porous surfaces. The appropriate adhesive, recommended trowel size and/or spread rate should be specified by the flooring manufacturer. If considering adhesives classified for wet-set applications, contact Halex Technical Services for specific application recommendations.

Concrete Substrate Preparation

All of the recommended work practices contained in these guidelines are in conformance with the most recent version of ASTM-710 and acceptable industry guidelines as approved by RFCI. The installation contractor is solely responsible for determining the suitability of a slab, moisture testing and use prior to starting the installation of VersaShield.

The concrete slab should be smooth, dry, clean and structurally sound. Dust and other contaminants may have an effect on the mechanical bond of the VersaShield tapes to the substrate and overall performance of the system.

All surface cracks, grooves, depressions, control or other non-moving joints greater than 1/8" should be filled and sanded smooth with the plane of the substrate using



modified Portland cement patching compounds or an epoxy injection. Crowns in slab or protrusions should be smoothed in the same manner. Patching materials should be allowed to completely dry prior to the application of any VersaShield product and finished flooring materials.

Existing adhesives should be completely removed to provide a tack-free substrate. Please follow the RFCI's (Resilient Floor Covering Institute) "Recommended Work Practices for Removal of Existing Floor Covering and Adhesive."

Substrates that have been installed with cutback adhesives should only be removed in strict accordance with local, state and federal guidelines. If the slab has been abated using a chemical process, immediately contact Halex Technical Services for additional encapsulation and installation recommendations.

Do not use gypsum or plaster based patching compounds underneath the VersaShield membrane. Areas requiring deep fill, other than a skim coat, should only be repaired using a MRP (moisture resistant patch) or exterior grade patching/repair compound. Consult your manufacturer for additional recommendations on these types of substrate repair products.

Installation Over Existing Resilient Flooring

Ensure the existing floor is well bonded and securely attached. Such installations should not exceed one layer of non-cushioned resilient flooring beneath the VersaShield membrane.

The existing floor must show no indication of failure related to moisture or alkalinity. Tiles that have de-bonded, cracked or cupped should be removed and replaced with new flooring tile or filled with an approved patching compound to smoothly transfer to the surrounding flooring materials.

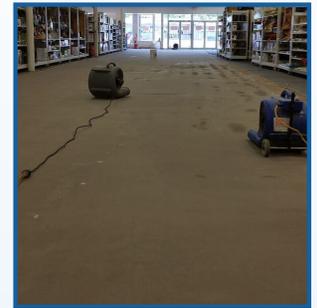
Floors with embossed surfaces or textures should be made smooth using an approved latex embossing leveler or modified Portland cement patching compound approved for this process.

All waxes and/or sealers should be removed using industry approved methods prior to the installation of VersaShield tapes and encapsulation with any of the VersaShield membranes.

VersaShield MBX Installation

Apply VersaShield 4" double-sided tape at all doorways and transitions to other flooring materials to prevent air from entering below the system or movement of the VersaShield MBX. If the floor to be installed will be heavily trafficked or used with heavy rolling loads, please refer to the Box Grid Application Method (page 11) before continuing.

Evaluate the VersaShield MBX seam layout by measuring across the room in 5' segments. Mark the position on both sides of the room and use a chalk line to clearly identify the seam line locations. These lines will serve as a guide for setting the required 4" double-sided tape correctly.



When installing around floor monuments, columns, or poles, splice the VersaShield MBX to fit around the obstructions and tape to secure the seams in this area.



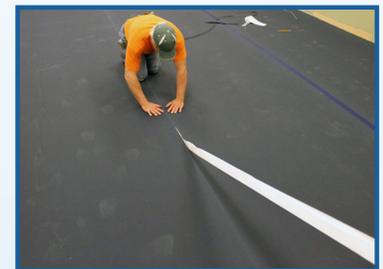
Begin placing the tape by anchoring the double-side tape centered across the first chalked line and pull the tape across the entire length of the seam line. Set the VersaShield MBX in place and roll the VersaShield MBX, ensuring that you have removed any wrinkles and the VersaShield MBX membrane is flat. **DO NOT REMOVE THE RELEASE FILM FROM THE VERSASHIELD DOUBLE-SIDED TAPE AT THIS TIME.** Continue the process by placing tape at each of the newly snapped chalk lines.

Unroll the VersaShield MBX material starting at a wall, ensuring that the first piece falls exactly centered across the installed VersaShield double-sided tape. The smooth, glossy side of the VersaShield MBX should be facing the substrate (down) and the rough, textured side should be facing up. Net fit to walls and trim to fit. Individual cuts should not exceed 30 linear feet in length.



Repeat the previous step to complete the layout of subsequent pieces, ensuring that the end cuts are staggered to allow the offset of cross seams.

Working from one side of the room, lightly butt the first two adjacent pieces of VersaShield MBX together ensuring that both sheets fall centered over the previously placed VersaShield double-sided tape. Continue by removing the release film through the seam, while at the same time setting the VersaShield MBX membrane into the tape. Continue this process across the entire installation, and roll all seams with either a hand roller or 75-100 pound resilient roller. **NEVER OVERLAP SEAMS** as it may telegraph through the finished flooring.



Complete the installation by setting the blue VersaShield MBX seam tape across the top of all side seams and cross seams. Maintain adequate tension on the tape when setting to minimize bubbling and wrinkling. Roll the seam with the approved roller.



Sweep the VersaShield MBX membrane to remove any installation debris, dust or dirt that may have accumulated during the application. Complete the installation in accordance to specific flooring installation instructions in the following pages.

VersaShield 95 Installation

Apply the VersaShield 4" double-sided tape at all doorways and transitions to other flooring materials to prevent air from entering below the system or movement of the VersaShield 95. If the floor to be installed will be heavily trafficked or used with heavy rolling loads, please refer to the Box Grid Application Method before continuing.

Evaluate the layout of the VersaShield 95 to ensure minimal waste. Unroll the VersaShield 95 starting at a wall. Be sure that the smooth, glossy side is facing the substrate (down) and the rough-textured side is facing up. Net fit to walls and trim to fit. Individual cuts should not exceed 30 linear feet in length.



Repeat the previous steps to complete the layout of subsequent pieces. Ensure that the end cuts are staggered to allow the offset of cross seams.

Working from one side of the room, lightly butt the pieces of the VersaShield 95 together and tape all seams with only VersaShield 95 seam tape. Complete by rolling all seams with either a hand roller or 75-100 pound resilient roller. NEVER OVERLAP SEAMS as it will potentially telegraph through the finished flooring.

When installing around floor monuments, columns, or poles, splice the VersaShield 95 to fit around the obstructions and tape to secure the seams in this area.

Sweep the VersaShield 95 to remove any installation debris, dust or dirt that may have accumulated during the application. Complete the installation in accordance to specific flooring installation instructions in the following pages.



Finished Flooring Installation

With the continuous advancement of flooring technologies, it is impossible to list all of the products that can be effectively installed using the VersaShield moisture remediation system. The general list of products that have been pre-approved for installation can be found on page 5. If your product is not identified, please contact our Technical Services team for additional information at 800-576-1636. Always follow your specific flooring manufacturer's recommendations for installation over non-porous substrates.

Vinyl Composition Tile (VCT), Luxury Vinyl Tile/Plank (LVT/LVP), Static Dissipative Tile (SDT), and Solid Vinyl Tile (SVT)

Acclimate all products to be installed, including the flooring, adhesives, VersaShield membrane and tapes.

Perform necessary planning and layout of all flooring materials. We recommend lighter chinks as they will be clearly seen on the surface of the VersaShield membrane. Always adjust the layout to avoid seam joints falling directly over a VersaShield seam.

Apply the adhesive directly to the surface of the VersaShield in accordance with the manufacturer's recommendation for non-porous substrates. Caution should be taken to ensure the VersaShield membrane is not cut, damaged or punctured. Some adhesives may take longer to flash off and cure compared to installations over porous concrete. Always use a new trowel with the recommended notch for each application.



Install the flooring materials in accordance with the manufacturer's and industry guidelines.

Initial Maintenance: Upon completion of the finished flooring installation, the VersaShield system requires a minimum of 120 hours (5 days) before conducting initial 'wet' cleaning or maintenance. Failure to follow this requirement may result in improper adhesive curing and/or failure of the adhesive bond. Always clean and maintain flooring with neutral pH cleaning products.



Carpet and Carpet Tiles

Acclimate all products to be installed, including the flooring, adhesive and VersaShield membrane and tapes.

Perform necessary planning and layout of all flooring materials. Lighter chinks are recommended as they will be clearly seen on the surface of the VersaShield membrane.



Always adjust the layout of the flooring to avoid seam joints falling directly over a VersaShield seam.

Apply the adhesive directly to the surface of the VersaShield in accordance with the manufacturer's recommendation for non-porous substrates. Caution should be taken to ensure the membrane is not cut, damaged or punctured. Some adhesives may take longer to flash off and cure compared to installations over porous concrete. Always use a new trowel with the recommended notch for this application.

Install the flooring materials in accordance with the manufacturer's and industry guidelines.

DO NOT install broadloom carpeting requiring crab stretching, stay nailing or heavy knee-kicking to align patterns; they can cause distortion to the VersaShield membrane.

Peel and stick installations and flooring products with pre-applied adhesives may require the application of a primer to ensure a proper mechanical bond. Always perform a bond test prior to starting such an installation.

Laminate, Bamboo, and Engineered Wood

Acclimate all products to be installed, including the flooring, adhesives, and VersaShield membrane and tapes.

Be sure to place proper expansion space along all abutting surfaces, including walls, cabinets, door jambs, and transitions as specified for the specific flooring materials being installed.

Perform necessary planning and layout of all the flooring materials. Lighter chalks are recommended as they will be clearly seen on the surface of the VersaShield. Always adjust the layout to avoid seam joints falling directly over a VersaShield seam.

Apply the adhesive directly to the surface of the VersaShield in accordance with the manufacturer's recommendation for non-porous substrates. Caution should be taken to ensure the VersaShield membrane is not cut, damaged or punctured. Some adhesives may take longer to flash off and cure compared to installations over porous concrete. Always use a new trowel with the recommended notch for this application.

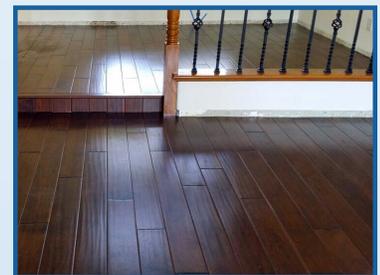
Do not mechanically fasten wood flooring through the VersaShield membrane. Regarding floating flooring systems, carefully follow all flooring manufacturer's recommendations for the installation.

Install the flooring materials in accordance with the manufacturer's and industry guidelines.

Ceramic Tile, Porcelain Tile and Natural Stone

Acclimate all products to be installed, including the flooring, adhesive and VersaShield membrane and tapes.

Installing tile materials requires the VersaShield to be anchored to the substrate using VersaShield double-sided tape in a 5'x5' box grid. Please refer to page 11 for the Box Grid Method instructions.



Perform necessary planning and layout of all the flooring materials. Lighter chalks are recommended as they will be clearly seen on the surface of the VersaShield membrane. Always adjust the layout to avoid seam joints falling directly over a VersaShield seam.

Selection of the proper setting materials is crucial for a successful installation. Remember to always consider VersaShield as a non-porous underlayment. When using a thin-set application method, either a polymeric modified or unmodified setting material is acceptable. Refer to the local building codes and ANSI/TCNA guidelines for approved installation practices.

Install flooring materials in accordance to the manufacturer's and industry guidelines. The grouting should not be performed until 24-48 hours after the flooring installation has been completed.

Specialty Flooring - Needing Review

Each installation of commercial and residential sheet vinyl flooring, rubber flooring, resilient sports floors, and wood court floors must be reviewed by our Technical Services team for project-specific installation recommendations and warranty purposes. Please call 800-576-1636 for a warranty registration form.



Box Grid Installation Method

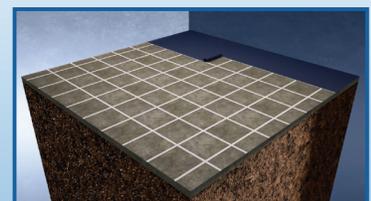
The Box Grid Installation Method is used when there is a need to affix the VersaShield to the concrete slab, instances may include: heavy rolling load environments, ramps, sheet vinyl and synthetic floor installations, areas subject to extreme sunlight and temperature changes, and places where additional stabilization is needed. The standard box grid measure is 5'x5' and can be modifiable to 2'6"x2'6". For a 5'x5' box grid, 3 rolls of the VersaShield double-sided tape are needed for one roll or 720 ft² of the VersaShield. For a 2'6"x2'6" box grid, 6 rolls of the VersaShield double-sided tape are needed for one roll or 720 ft² of the VersaShield. The instructions below are for a standard 5'x5' box grid for heavy rolling load conditions.

Use VersaShield double-sided tape; it is marked with the VersaShield logo on the tape core for identification purposes. Use of any other tape is never recommended and will void the VersaShield 95 or VersaShield MBX Warranty.

Determine the required layout of the double-sided tape to form the box grid, a 5'x5' box grid is required. Utilizing a chalk line or straight-edge, mark the floor where the VersaShield double-sided tape box grid will be positioned.

Install VersaShield double-sided tape centered over the box grid lines marked on the floor. Do not overlap VersaShield double-sided tape rows and do not remove the top release paper from the upper side of the VersaShield double-sided tape at this time. Use a heavy roller to fully seal the tape onto the concrete surface.

Upon completion of the box grid, refer to your VersaShield Installation Instructions as you begin to roll out the VersaShield rolled moisture barrier. When VersaShield is positioned over the grid, you may then sequentially remove the top release paper of the double-sided tape in order to affix the VersaShield rolled moisture barrier to the concrete.



Please refer to the VersaShield Box Grid Method video on Halex Corporation's YouTube channel or visit www.VersaShield4Floors.com.

VersaShield® MBX Rolled Moisture Barrier 10-Year Limited Warranty

Who is Covered? You are covered by this warranty if you live in the continental United States, Hawaii or Canada, and are the original property owner (i.e., not a builder or installer) of a building when VersaShield® MBX Rolled Moisture Barrier (“VersaShield® MBX”) is installed as a moisture suppression membrane, or the first subsequent owner if this warranty was properly transferred.

The Limited Warranty may not be transferred or assigned, directly or indirectly, except for one transfer, and only if the second owner notifies the Halex Corporation in writing at 4200 Santa Ana Street, Ontario, CA 91761 within 60 days after the property transfer and pays a \$500 transfer fee.

What is Covered? Halex Corporation warrants that the VersaShield® MBX is free from manufacturing defects that would adversely affect its performance for the warranty period specified below. Under normal conditions of use as a moisture suppression membrane under flooring products, when properly installed, according to Halex’s written installation instructions, the VersaShield® MBX will protect flooring products from moisture vapor damage from the subfloor and below in areas that measured a maximum of 99.5% RH (Relative Humidity) in accordance with the latest version of ASTM F2170. NOTE: Halex Corporation reserves the right to conduct moisture testing at the time of the claim to determine current moisture readings, which will be used to determine warranty compliance.

How Long Is Your VersaShield® MBX Covered? The Limited Warranty commences at the completion of the proper installation of the VersaShield® MBX and lasts for 10 years or until ownership of the building changes without coverage under this Warranty being transferred, whichever comes first.

Note on Useful Life. The useful life of your VersaShield® MBX is affected by many factors, including: the conditions to which it is exposed, the quality of its installation, the type and quality of the building construction, including the subfloor, and other factors over which Halex Corporation has no control. This limited warranty covers your VersaShield® MBX in the event it is found to have a manufacturing defect which adversely affects its performance while this warranty is in effect. This limited warranty does not assure that the finished flooring installed over VersaShield® MBX will last the entire length of the applicable warranty period.

Sole and Exclusive Remedy. If your VersaShield® MBX has a manufacturing defect covered by this limited warranty, Halex Corporation will:

During the **first** year, either (1) pay the original cost of defective VersaShield® MBX and the reasonable original cost of affected flooring material, seam tape, bonding adhesive, and any other affected installation materials used in an ordinary installation, and the reasonable cost of labor to install replacement VersaShield® MBX and flooring materials or (2) pay the reasonable cost of repair for the defective VersaShield® MBX and affected floor area, in Halex Corporation’s sole discretion. The cost of labor **DOES NOT** include costs for tear out, dump fees, concrete or foundation work, or related work.

For the next nine years, if Halex Corporation elects to reimburse you for the amount set forth in option (1) of the preceding paragraph, the amount to be paid to you will be adjusted to reflect the use you have received from your VersaShield® MBX based on the number of months that have elapsed since time of installation.

Limitations and Exclusions. Halex Corporation shall not be liable for any damages to the VersaShield® MBX product, overlying flooring products or any other property from any cause other than a manufacturing defect. In particular, this Limited Warranty does not cover damage to the VersaShield® MBX product, your building, or any parts thereof caused by:

1) Fire, or other casualties or acts of God that cause substantial shifting of the subfloor or substrate, or any distortion, cracking, or movement of the subfloor, floor slab, or other foundation, or other structural defects of the building or other premises.

- 2) Moisture issues related to hydrostatic pressure, flooding or spills of liquids on the VersaShield® MBX or overlying flooring product, or other conditions that cause moisture to be above the VersaShield® MBX.
- 3) Misuse, or improper storage, handling or use of the VersaShield® MBX product at any time, including excessive exposure to impact, heat or moisture prior to installation, exposure of the VersaShield® MBX product to or application of harsh liquids or chemicals, or punctures or tears resulting from shipping, handling or installation.
- 4) Installations in areas where moisture readings at 99.6% Relative Humidity or above as measured in accordance with the latest version of ASTM F2170.
- 5) Installation of the subflooring or VersaShield® MBX product not in strict accordance with Halex Corporation's written installation instructions; defects or failure of installation materials such as patching material, subflooring, or other products that affect the performance of the flooring system; or failure to allow the flooring system to cure properly, or to allow completion of flooring work and related construction.
- 6) VersaShield® MBX is not warranted to protect flooring products from standing water or moisture found on the subfloor surface.
- 7) Halex Corporation is not responsible for the dimensional stability of the flooring products installed above the VersaShield® MBX.

NOTE: Proper installation includes, but is not limited to, performing a moisture test in accordance to the latest version of ASTM F2170 Relative Humidity Test. The moisture test must be based on the size of the area where the installation will be done prior to VersaShield® MBX installation to determine precise RH of the subfloor. Results of your ASTM F2170 test(s) must be recorded, retained, and submitted to Halex Corporation in the unlikely event that you make a warranty claim.

How To Make A Claim. To file a claim, you must send a notice in writing, together with proof of purchase to establish that you are the original owner (or proof of transfer if the second owner has properly transferred coverage), proof of application date and a copy of the original moisture test records, to Halex Corporation, 4200 Santa Ana Street, Ontario, CA, 91761. NOTE: Notice to your builder, general contractor, or installer is NOT notice to Halex Corporation. Within a reasonable time after proper notification, Halex Corporation will evaluate your claim, inspect the installation of the VersaShield® MBX and the claimed damage, and resolve your claim in accordance with this warranty. Any claim for the VersaShield® MBX which has been replaced prior to Halex Corporation's receipt of written notice and on-site inspection may be denied.

Sole and Exclusive Warranty. THIS WARRANTY IS EXCLUSIVE AND REPLACES ALL OTHER WARRANTIES, CONDITIONS, REPRESENTATIONS, AND GUARANTEES, WHETHER EXPRESS OR IMPLIED, WHETHER BY STATUTE, OR LAW OR IN EQUITY, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. This written warranty is your exclusive warranty from Halex Corporation and represents the SOLE REMEDY available to any owner of Halex Corporation's VersaShield® MBX Rolled Moisture Barrier. Halex Corporation makes NO OTHER REPRESENTATIONS, CONDITION, GUARANTEE, OR WARRANTY of any kind other than that stated herein. Halex Corporation WILL NOT BE LIABLE IN ANY EVENT FOR CONSEQUENTIAL, PUNITIVE, SPECIAL, INCIDENTAL, OR OTHER SIMILAR DAMAGES OF ANY KIND, including DAMAGE TO THE INTERIOR OR EXTERIOR OF ANY BUILDING, whether for breach of this warranty, negligence, strict liability in tort, or for any other cause. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages so the above exclusions or limitations may not apply to you.

Modification of Warranty. This Limited Warranty may not be changed or modified except in writing signed by an officer of Halex Corporation. No one (other than an officer of Halex Corporation) has authority to assume any additional liability or responsibility for Halex Corporation in connection with your VersaShield® MBX Rolled Moisture Barrier except as described in this warranty. This warranty gives you specific legal rights, and you may have other rights which vary from jurisdiction to jurisdiction. (Note: Warranty subject to change. For current information, visit www.versashield4floors.com.)

Effective Date. This Limited Warranty is effective for VersaShield® MBX Rolled Moisture Barrier installed after January 1, 2013.

VersaShield® 95 Rolled Moisture Barrier 10-Year Limited Warranty

Who is Covered? You are covered by this warranty if you live in the continental United States, Hawaii or Canada, and are the original property owner (i.e., not a builder or installer) of a building when VersaShield® 95 Rolled Moisture Barrier (“VersaShield® 95”) is installed as a moisture suppression membrane, or the first subsequent owner if this warranty was properly transferred.

The Limited Warranty may not be transferred or assigned, directly or indirectly, except for one transfer, and only if the second owner notifies the Halex Corporation in writing at 4200 E. Santa Ana Street, Ontario, CA 91761 within 60 days after the property transfer and pays a \$500 transfer fee.

What is Covered? Halex Corporation warrants that the VersaShield® 95 is free from manufacturing defects that would adversely affect its performance for the warranty period specified below. Under normal conditions of use as a moisture suppression membrane under flooring products, when properly installed, according to Halex’s written installation instructions, the VersaShield® 95 will protect flooring products from moisture vapor damage from the subfloor and below in areas that measured a maximum of 94.99% RH (Relative Humidity) in accordance with the latest version of ASTM F2170. NOTE: Halex Corporation reserves the right to conduct moisture testing at the time of the claim to determine current moisture readings, which will be used to determine warranty compliance.

How Long Is Your VersaShield® 95 Covered? The Limited Warranty commences at the completion of the proper installation of the VersaShield® 95 and lasts for 10 years or until ownership of the building changes without coverage under this Warranty being transferred, whichever comes first.

Note on Useful Life. The useful life of your VersaShield® 95 is affected by many factors, including: the conditions to which it is exposed, the quality of its installation, the type and quality of the building construction, including the subfloor, and other factors over which Halex Corporation has no control. This limited warranty covers your VersaShield® 95 in the event it is found to have a manufacturing defect which adversely affects its performance while this warranty is in effect. This limited warranty does not assure that the finished flooring installed over VersaShield® 95 will last the entire length of the applicable warranty period.

Sole and Exclusive Remedy. If your VersaShield® 95 has a manufacturing defect covered by this limited warranty, Halex Corporation will:

During the **first** year, either (1) pay the original cost of defective VersaShield® 95 and the reasonable original cost of affected flooring material, seam tape, bonding adhesive, and any other affected installation materials used in an ordinary installation, and the reasonable cost of labor to install replacement VersaShield® 95 and flooring materials or (2) pay the reasonable cost of repair for the defective VersaShield® 95 and affected floor area, in Halex Corporation’s sole discretion. The cost of labor **DOES NOT** include costs for tear out, dump fees, concrete or foundation work, or related work.

For the next nine years, if Halex Corporation elects to reimburse you for the amount set forth in option (1) of the preceding paragraph, the amount to be paid to you will be adjusted to reflect the use you have received from your VersaShield® 95 based on the number of months that have elapsed since time of installation.

Limitations and Exclusions. Halex Corporation shall not be liable for any damages to the VersaShield® 95 product, overlying flooring products or any other property from any cause other than a manufacturing defect. In particular, this limited warranty does not cover damage to the VersaShield® 95 product, your building, or any parts thereof caused by:

1) Fire, or other casualties or acts of God that cause substantial shifting of the subfloor or substrate, or any distortion, cracking, or movement of the subfloor, floor slab, or other foundation, or other structural defects of the building or other premises.

- 2) Moisture issues related to hydrostatic pressure, flooding or spills of liquids on the VersaShield® 95 or overlying flooring product, or other conditions that cause moisture to be above the VersaShield® 95.
- 3) Misuse, or improper storage, handling or use of the VersaShield® 95 product at any time, including excessive exposure to impact, heat or moisture prior to installation, exposure of the VersaShield® 95 product to or application of harsh liquids or chemicals, or punctures or tears resulting from shipping, handling or installation.
- 4) Installations in areas where moisture readings at 95% Relative Humidity, or above as measured in accordance with the latest version of ASTM F2170.
- 5) Installation of the subflooring or VersaShield® 95 product not in strict accordance with Halex Corporation's written installation instructions; defects or failure of installation materials such as patching material, subflooring, or other products that affect the performance of the flooring system; or failure to allow the flooring system to cure properly, or to allow completion of flooring work and related construction.
- 6) VersaShield® 95 is not warranted to protect flooring products from standing water or moisture found on the subfloor surface.
- 7) Halex Corporation is not responsible for the dimensional stability of the flooring products installed above the VersaShield® 95.

NOTE: Proper installation includes, but is not limited to, performing a moisture test in accordance to the latest version of ASTM F2170 Relative Humidity Test. The moisture test must be based on the size of the area where the installation will be done prior to VersaShield® 95 installation to determine precise RH of the subfloor. Results of your ASTM F2170 test(s) must be recorded, retained, and submitted to Halex Corporation in the unlikely event that you make a warranty claim.

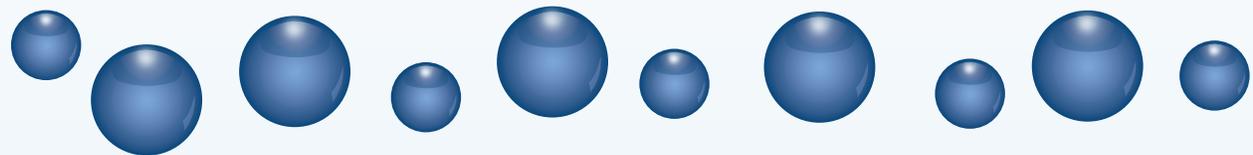
How To Make A Claim. To file a claim, you must send a notice in writing, together with proof of purchase to establish that you are the original owner (or proof of transfer if the second owner has properly transferred coverage), proof of application date and a copy of the original moisture test records, to Halex Corporation, 4200 E. Santa Ana Street, Ontario, CA, 91761. NOTE: Notice to your builder, general contractor, or installer is NOT notice to Halex Corporation. Within a reasonable time after proper notification, Halex Corporation will evaluate your claim, inspect the installation of the VersaShield® 95 and the claimed damage, and resolve your claim in accordance with this warranty. Any claim for the VersaShield® 95 which has been replaced prior to Halex Corporation's receipt of written notice and on-site inspection may be denied.

Sole and Exclusive Warranty. THIS WARRANTY IS EXCLUSIVE AND REPLACES ALL OTHER WARRANTIES, CONDITIONS, REPRESENTATIONS, AND GUARANTEES, WHETHER EXPRESS OR IMPLIED, WHETHER BY STATUTE, OR LAW OR IN EQUITY, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. This written warranty is your exclusive warranty from Halex Corporation and represents the SOLE REMEDY available to any owner of Halex Corporation's VersaShield® 95 Rolled Moisture Barrier. Halex Corporation makes NO OTHER REPRESENTATIONS, CONDITION, GUARANTEE, OR WARRANTY of any kind other than that stated herein. Halex Corporation WILL NOT BE LIABLE IN ANY EVENT FOR CONSEQUENTIAL, PUNITIVE, SPECIAL, INCIDENTAL, OR OTHER SIMILAR DAMAGES OF ANY KIND, including DAMAGE TO THE INTERIOR OR EXTERIOR OF ANY BUILDING, whether for breach of this warranty, negligence, strict liability in tort, or for any other cause. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages so the above exclusions or limitations may not apply to you.

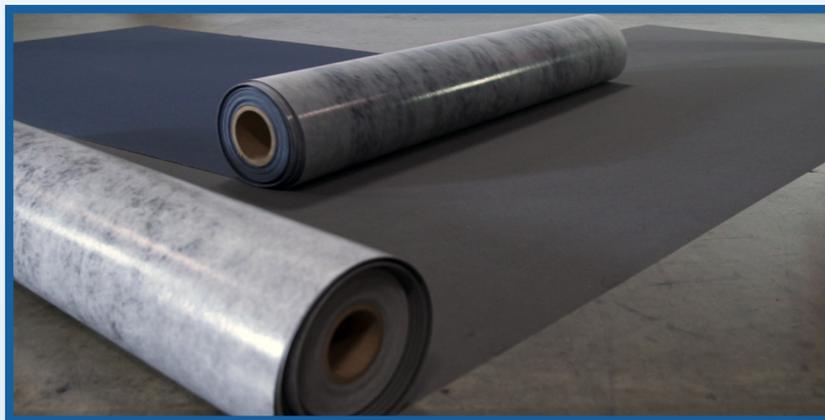
Modification of Warranty. This limited warranty may not be changed or modified except in writing signed by an officer of Halex Corporation. No one (other than an officer of Halex Corporation) has authority to assume any additional liability or responsibility for Halex Corporation in connection with your VersaShield® 95 Rolled Moisture Barrier except as described in this warranty. This warranty gives you specific legal rights, and you may have other rights which vary from jurisdiction to jurisdiction. Note: Warranty subject to change. For current information, visit www.versashield4floors.com.

Effective Date. This Limited Warranty is effective for VersaShield® 95 Rolled Moisture Barrier installed after January 1, 2013.

VersaShield®



R o l l e d M o i s t u r e B a r r i e r



Install today. In business tomorrow.

**Need more information about VersaShield?
Please visit www.VersaShield4Floors.com or
contact us at 800-576-1636.**



MADE IN THE UNITED STATES OF AMERICA