

Ultra 360™



Advanced Multi-Protection Anti-Fracture Membrane

Ultra 360 is designed to contribute to a dry, healthy, breathing home and help eliminate floor failures and sick house syndrome.



What's in your walls?

Features and Benefits

Contributes to a healthy, breathable house or building.

Blocks liquid water, alkali and high pH from surfacing.

Allows vapor to pass and concrete to dry



Reduces condensation and water migration to cabinets, baseboards and walls

Flex-Guard Products™

FlexGuardProducts.com
800-279-7600

Patent Pending

All New! Ultra 360



The Only Floor Tile Underlayment
Contributing to Whole Healthy House Environment

What's in your walls?



What you don't know can hurt you

Millions of dollars are lost every year to **MOISTURE VAPOR TRANSMISSION** or better known as MVT. It can condense into liquid water and migrate to baseboards, drywall, cabinets and even carpet and wood floors.

Water can migrate to edge of mpermeable membranes.



Stop the cracks, grow the mold?

Did you know after concrete cures there is about 2 lbs. of water per square foot remaining?
1,000 sq. ft. = 2,000 lbs. of water!

Do NOT use waterproofing material on your floor if you do not need it.

Most water proofing membranes are designed to stop water coming from the top. That is why they list their MVT limit from 3-5 lbs/24hrs/1,000. This is the standard for vinyl flooring. So when they shout Vapor Barrier! it is a miserably low performance. 10 pounds of MVT pressure may lift up the tile and fail the whole installation.

Patent Pending

Smart...Very Smart

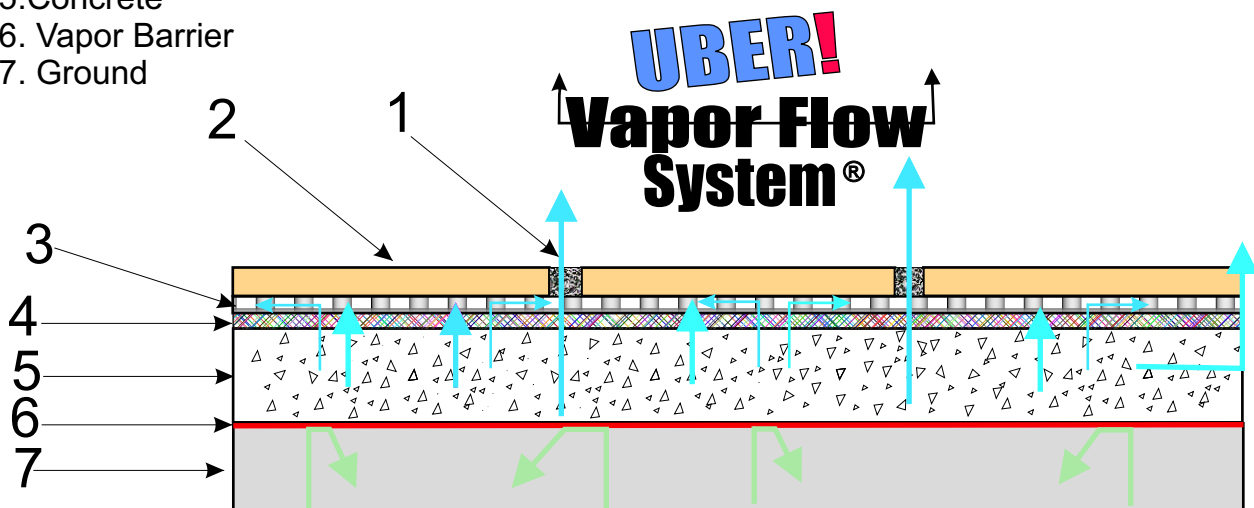
TM

Field Proven. Over 20 million sq.ft. installed with Uber! Vapor Flow System® over 5 years with no reports of MVT (Moisture Vapor Transmission) lifting!

ASTM E 96 / E96M-15: +30.0 lbs/24hrs/1,000 sq. ft.

Crack Isolation up to 3/8" with full floor installations and NO PRIMER NEEDED!

1. Grout Joint
2. Floor Tile
3. Thinset Mortar
4. Speed-Flex, with Uber! Vapor Flow System®
5. Concrete
6. Vapor Barrier
7. Ground



↑ #4 Speed-Flex allows MVT to pass through to contribute to normal drying of concrete slab.

↙ #6 Vapor barrier under concrete blocks MVT from ground moisture source.

Water Proof Warning

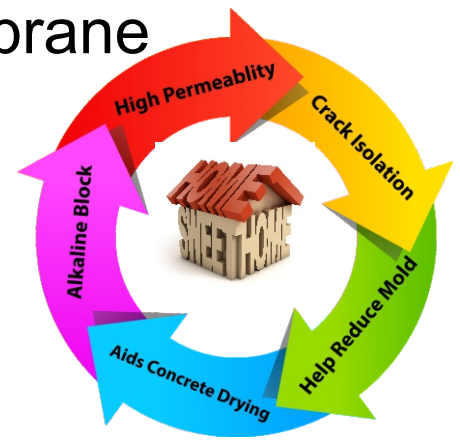
Water proof membranes block moisture in the slab or may have bond failure from MVT pressure above 4lbs/24hrs/1000sq.ft. This warning is contained in their product specs. Houses slabs can easily go to 5-10 lbs MVT until evaporation takes place and lowers the MVT pressure.

Trapped moisture can also lead to mold growth. Moisture may travel along water barriers to the edge of their membranes which may be along the walls. Moisture in walls may cause mold in the walls. ***If you do not need waterproofing, do not use it!*** Failed flooring from MVT cost home owners, contractors, builders millions of dollars in losses.
www.flexguardproducts.com

Since 1992

A new class of Underlayment Membrane
All New!

Ultra 360



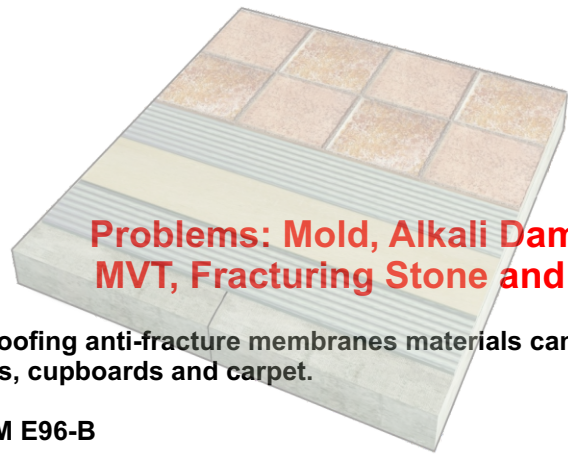
The Only Floor Tile Underlayment
Contributing to Whole Healthy House Environment

Features and Benefits

Ultra 360™

1. Isolates up to 3/8" lateral movement.
2. Blocks liquid water. Liquid water is the carrier for alkali.
3. Allows the vapors to pass for continual drying of the sub-floor concrete slab.
4. High pH water vapor will be neutral pH passing through the membrane.
5. Is part of a highly functional system when used in conjunction with approved concrete vapor barriers.
6. Allows drying vapor, blocks water, ASTM E96-B 50lbs/24hours/1,000 sq. ft. 42 perms.
7. Mold is greatly reduced due lack of water migration, that impermeable membranes may create.
8. Not affected by **Moisture Vapor Transmission, under 20lbs/24hrs/1,000sq.ft.**
9. Does not raise trap moisture and raise relative humidity in concrete as does installation of another barrier does, reducing chances
10. Other products tout themselves as a vapor barrier at 3-5lbs/24hrs/1,000sq.ft. They are stating that vapor pressure can easily lift and fail the installation. So the installation is rated the same as a glue down vinyl floor with stone and tile on it. This is very, very low performance.

Field Tested Permeable Underlayment of over 20 million sq. ft. of installed product. With no reports of MVT lifting.



**Problems: Mold, Alkali Damage,
MVT, Fracturing Stone and Tile.**

WARNING: Impermeable ,waterproofing anti-fracture membranes materials can trap moisture and may cause water migration and moisture to walls, baseboards, cupboards and carpet.

**ULTRA 360 IS PERMEABLE! ASTM E96-B
over 25lbs/24hrs/1000 sq. ft.***

**Aids in the evaporation of remaining water in the concrete slab! The limit of most anti-fracture membranes is only 3-5 lbs.
Very low performance and a high risk alternative.**

ULTRA 360 BLOCKS LIQUID WATER and Alkali!

The Uber! Vapor Flow System® with holes small enough to block liquid water but large enough to allow evaporation to flow through. Evaporation from high pH moisture is neutral pH.

Some products state that their product “allows liquid water to migrate” but does not state where the liquid water is going. Is it going to the edge of the membrane? Begs the question, “What’s in your walls?”

Ultra 360 Super High Performance of Crack Isolation. Up to 3/8” horizontal movement of substrate.

Ultra 360 The type of thin-set mortar used to install Ultra 360 depends on the substrate. To set Ultra 360 over plywood or OSB, a modified thin-set mortar meeting the requirements of ANSI A118.11. To set Ultra 360 over concrete or gypsum, Flex-Guard Products, Inc. recommends an unmodified thin-set mortar meeting the requirements of ANSI A118.1.

Every permeable layer in 360 is designed to help the concrete to dry. After concrete has cured, there is roughly **about 2 pounds per square foot of water** that needs to evaporate from the floor. So, 1,000 sq. ft. of concrete has around **2,000 lbs of water that needs to evaporate**. A hard trowel finish can greatly slow down the drying process, as do some sealants and curing compounds. If an impermeable (waterproofing) membrane is then placed on this concrete trapping water. This moisture may migrate to walls, baseboards, cupboards, and carpet. With moisture, interior home temperature and organic material, mold can start growing within 24-48 hours! This petri dish affect in homes needs to stop. **DO NOT USE WATERPROOFING MEMBRANE ON THE SURFACE OF YOUR FLOOR IF IT IS NOT NEEDED!** Is it a good idea to trap thousands of pounds of water in your concrete slab? Nope. Permeability is not new to Flex-Guard Products, we have over 20 million sq. ft. of permeable material installed. Certainly field proven against MVT. In Ultra 360 we add a liquid barrier to enhance the performance and protection against alkali, water migration, high pH and floor failures due to vapor lifting or impermeable barriers on the surface of the floor. This is part of our effort for a healthy home.

Ultra 360 summary:

1. Blocks Liquid Water
2. Allows water vapor to pass ASTM E96-B +25lbs/24hrs/1000 sq.ft.
3. Contributes to healthy whole house breathing, NOT sick house syndrome!
4. Isolates up to 3/8” Crack Isolation/Anti-Fracture
5. Cementitious Bonding, contributing to permeability and drying benefits