



Premium Building Products  
That Protect

## Vapor Block FAQ

### **What substrate profile is required?**

- There is no profile requirement prior to the application for VB. However, if the subsequent adhesive, coating or system requires a CSP profile, we recommend you prep first, apply VB, then install the finished system 4 hours later.

### **Does VB contain any sodium silicate?**

- No.

### **Is the floor still considered porous after installation?**

- The floor will be non permeable and will be compatible with porous and non porous adhesives. It is important to note that some adhesives require a wet out period and the manufacturers' written instructions must be followed to ensure the adhesive fully tacks to ensure proper adhesion to the floor system when going over VB or a low permeable substrate.

### **Is a coating required (Scratch, Skim, Etc) after installation prior to floor covering?**

- In most cases no. Only if the floor requires a leveling component to meet the floor covering requirement.

### **Does VB break ASTM F710 for glue down resilient installations because it is considered a sealer?**

- No, VB is a permanently penetrating MVC system that does not leave a film or residue on the surface. VB is not a bond breaker and will not inhibit adhesion for any subsequent system. We recommend following any standard F710 floor preparation prior to the installation of VB or treat previously treated VB substrates as a non permeable substrate ready to accept flooring.
- Additional information re: ASTM F710. F710 is an ASTM Standard Practice. It contains "suggestions" of steps to ensure the concrete substrate is prepared properly for flooring installations. These should all be considered starting points of investigation. A standard practice includes broad terms that are usually not quantifiable, i.e., smooth or dry. There is no guidance in F710 that quantifies the degree of dry or smooth or any other

parameter. F710 should be used as a starting point to confirm conditions and not exclude them.

**Does the pH of the concrete affect the product?**

- No, VB will control the alkalinity of a high pH slab.

**What do you do if the concrete has a high pH?**

- Apply VB, retest.

**Is prior testing required for warranty? (Calcium Chloride, Probe, Etc)**

- No.

**Can the product be installed on damp concrete?**

- Yes, but it is best to wait at least 7 days before applying on a new pour. Wait at least 24 hours to dry out after power washing or rainfall. Do not apply to areas of standing water.

**When/Where can Vapor Block not be installed?**

- VB can be applied to any concrete substrate that has been properly prepared.

**Are there products that are NOT compatible with Vapor Block?**

- Though not typically considered products, Calcium chloride additives and sulfides will cause a reaction or bloom on the concrete.

**Substrate conditions to look out for that would cause issues?**

- Concrete that has dark patches or rings present that do not dry out or pop-outs with an amber gel in them. These are both signs of ASR and require additional investigation and substrate evaluation.