



FAQ's for INFILL-CRETE™ WATERPROOFING SYSTEM

Q- What is INFILL-CRETE?

- A- INFILL-CRETE** is a proven waterproofing material that actually waterproofs concrete from the inside out
- "State-of-the-Art" technology,
 - 2-Part polymeric,
 - Environmentally friendly with zero VOC's or solvents

Q: What makes it different from all of the others?

- A- INFILL-CRETE** is unique in the marketplace. It is the **ONLY** product available that is designed to deeply penetrate into the concrete and then react with the water to provide a vapor barrier from inside the concrete itself.
- **THEREFORE**, it cannot "delaminate" or "lose adhesion" to the wall like the others do.
 - It also provides a vapor barrier that not only stops the water from coming through your foundation wall but also stops the humidity from coming through your basement wall.

Q: Is it better than the mechanical waterproofing systems?

- A- Yes**, because unlike the Mechanical Waterproofing systems which actually bring the water that you are trying to stop **INTO YOUR HOUSE**; **INFILL-CRETE PREVENTS** the water from entering and stops it inside your foundation. Therefore, it protects your foundation from moisture related damage **AND** reduces the humidity of your air, thus reducing the chance of mold and mildew.

Q: What is a vapor barrier?

- A- High performance waterproofing materials are rated by whether they ONLY stop liquid water or they also stop water moisture or water vapor. If your water proofer stops water, but not water vapor, then the water vapor continues to come through the waterproofer and allows moisture to build up in the basement air. This creates an environment where mold and mildew thrive. So, INFILL-CRETE is not only a waterproofer BUT ALSO a vapor barrier. It "damp proofs" your basement.**



Q: But, how is the INFILL-CRETE better than other waterproofing coatings?

A- In four ways:

- 1) INFILL-CRETE contains NO SOLVENTS and NO WATER. Therefore, when it reacts inside your foundation wall, it seamlessly closes all of those pathways that both water and moisture use to enter your basement. All other residential waterproofing coatings have either water or solvent and when they dry, they leave new pathways for that very same water vapor to travel through the coating itself;**
- 2) INFILL-CRETE deeply penetrates into the concrete and then reacts to create the vapor barrier inside your concrete. This means that the strength of the water proofing is as strong as your concrete, not just trying to stick to the concrete surface;**
- 3) The INFILL-CRETE system can be used and is actually recommended to be used on concrete floors also, so that it provides a SOLUTION FOR YOUR ENTIRE BASEMENT, not just the walls like the common waterproofing coatings;**
- 4) Other waterproofing coatings try to obtain a mechanical bond to the surface of the concrete – BUT INFILL-CRETE OBTAINS both a mechanical AND a CHEMICAL BOND to the inside of the concrete.**

Q- Where can INFILL-CRETE be used?

A- INFILL-CRETE can be used on any cementitious, concrete, and/or related substrates, and also on many other porous substrates, to provide a waterproof and moisture proof vapor barrier. (Residential, Commercial, and/or Industrial).

Q- Can it be applied on concrete slabs that are less than 28 days old (cured)?

A- Absolutely. The INFILL-CRETE can be applied after only 5 days of the concrete pour.

Q- Can it be used on "old" concrete? What happens if any other waterproofing coating is/was already installed?

A- Yes, INFILL-CRETE can be used on any concrete, cementitious, and/or related substrate that is porous, even if the concrete is 100 years old.

However, if any other waterproofing coating is/was already installed on the concrete, the previous waterproofing coating will have to be removed sufficiently (if it has not already simply worn away) to provide sufficient water porosity for the INFILL-CRETE to penetrate and work correctly.



Q- Can it be applied on a concrete slab that has suffered or is having issues with EFFLORESCENCE?

A- Absolutely yes. Unlike other waterproofing products in the market, **INFILL-CRETE is designed to minimize and stop ongoing efflorescence. Of course, you should always remove any contamination on the substrate surface (e.g.: accumulated mineral salts, etc. resulting from efflorescence) that would inhibit the penetration of water and the **INFILL-CRETE** into the porous concrete.**

Q- Can the **INFILL-CRETE help to fix the efflorescence problem on concrete?**

A- In fact; the **INFILL-CRETE will prevent future continuing efflorescence by penetrating deeply into the concrete.**
- Other competitive products attempt to stop the efflorescence, but that is not possible unless they are also a vapor barrier. The efflorescence will simply build up behind the coating and eventually cause the coating to delaminate or lose adhesion to the concrete. However, with **INFILL-CRETE the efflorescence does not have the opportunity to form on the concrete surface because, as a vapor barrier, the **INFILL-CRETE** prevents moisture and therefore efflorescence from ever reaching the surface.**

Q- Can it support traffic? Is it flexible to support movements?

A- Yes, since it has penetrated into the concrete, the tensile strength of the concrete becomes the only limiting factor for the traffic that the penetrated and reacted **INFILL-CRETE can withstand. Further, the **INFILL-CRETE** remains flexible after cure and therefore, it will move with movements that the concrete itself may experience.**

Q- What color does it come in?

A- **INFILL-CRETE is only available as an unpigmented system, however, it can be coated or painted with any polyurethane or similar coating for aesthetics.**

Q- Is this **INFILL-CRETE ready for market, or is it under development?**

A- **INFILL-CRETE was originally developed for difficult waterproofing applications; including heavy industrial uses. Now, it has been used successfully by Fortune 50 companies and is specified in various countries. NOW, it has entered into the residential waterproofing market. It has been widely tested by contractors and other property stake holders.**
- Additional installation in extreme flooring conditions has proven that **INFILL-CRETE reduced a floor's moisture content from more than 20 lbs to only 3 lbs with only one application, as proven by ASTM Calcium Chloride tests.**



Q- Is it UV Stable?

A- No, the INFILL-CRETE is designed to penetrate into wet substrates. When used in outdoor applications, it should be coated with a 100% aliphatic, UV-stable coating like our EMEPUR 7416.

Q- Does it require a top coat?

A- No, but a top coat is recommended for exterior applications and wherever an aesthetically pleasing finish is desired.