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INFILL-CRETE™ WATERPROOFING SYSTEM FAQs

Q- WHAT IS INFILL CRETE?

- A- **INFILL-CRETE** is a proven waterproofing material that waterproofs concrete from the inside out
- “State-of-the-Art” technology
 - 2-Part polymeric
 - Environmentally friendly with zero VOCs or solvents

Q: WHAT MAKES IT DIFFERENT FROM ALL THE OTHER WATERPROOFING OPTIONS?

- 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 others applications 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: HOW IS 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?

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.

Q- CAN IT BE USED ON EXISTING WATERPROOFING COATING?

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 CONCRETE SLABS THAT HAVE 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 REMOVE EFFLORESCENCE?

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 FOUNDATION 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- WHY SHOULD I TRUST INFILL-CRETE TO WATERPROOF MY BASEMENT?

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 INFILL CRETE 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 INFILL CRETE REQUIRED A TOP COAT?

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