

Aquaflex Best Practices

Proper preparation for the first Aquaflex Waterproof Installation is important, communication with the installers is important so they know how to prepare and understand the expectation. The following are important guidelines in preparation and coordination of the project:

- Proper grinding equipment is essential to achieve a CSP-1. A sanding disc is not sufficient and will not provide the surface preparation required for an approved application of Aquaflex
- Hand grinding is required by stationary columns and perimeter walls
- Areas where hand grinding is required must be skim coated with Aquaflex Waterproof Patch
- **Aquaflex Waterproof Patch cannot be substituted for the project**
- Aquaflex Waterproof Patch comes with a 1:1 Add Mix, use same container to measure water
- Aquaflex Waterproof Patch must be mixed with a drill and mixing paddle
- For grinding and hand grinding a shroud and dust control is paramount for the success to be as dust free as possible. We do recommend using Hepa filtering system as dust control.
- Highly recommend having a mop and bucket available on site – subfloor should be dust free, if you wipe the concrete with your hand and there is dust on your hand – this is too much dust. Mopping with have no negative affect to the Aquaflex performance.
- By preparing for the Aquaflex Waterproof Installation properly – production should be 3000-4000sf of turnkey installation per day. This includes demo (removal of old flooring), grinding and installation of flooring (VCT, LCT, etc.) Sheet flooring applications may not achieve the same daily product.
- By grinding the concrete, a flat smooth surface will be achieved. Aquaflex Waterproof Patch is part of the system. We ship 5% square footage ordered. Primarily for pop-outs, saw cuts, etc. Full skim coat not necessary required.
- **Sheet Flooring:** Does require full skim coat of Aquaflex Waterproof Patch and application of DeGas after skim coat has dried. DeGas will cure in 45 minutes to an hour and ready for Aquaflex to be applied. **For sheet flooring applications – order additional Aquaflex Patch for skim coating.**
- **Aquaflex is a wet set adhesive,** allow 15 – 20 minutes for Aquaflex to flash off before installing the flooring. Aquaflex is a chemical cure. Curing time is not affected by environmental conditions.
- **DO NOT spread more Aquaflex that can be covered with flooring in 30-45 minutes.**
- For all applications, after flooring has been installed – **roll with a 100lb roller within 45 minutes of installation**
- Best practice – if Aquaflex gets on the surface of the flooring material – remove immediately with Aquaflex Cleaner, supplied with the system. Use supplied sponge
- **Renovation:** During the grinding process, remove all existing floor prep or skim coat. Must be removed and concrete surface ground to a CSP-1 profile
- **Renovation: Plan Ahead:** If suspected areas will be rough concrete, transition areas, require repair, plan ahead and order additional Aquaflex Waterproof Patch. Substituting floor preparation will void the Aquaflex Warranty. Aquaflex Patch is waterproof – competitive floor prep products are not.



CSP1 Profile

Top CSP-1 | Bottom before grind

Communication

Pre-installation meeting for first Aquaflex installation is highly recommended. Lack of communication to the installers has led to delays and project frustrations. Our sales and technical team are available to assist in the training and pre-installation preparation.