



AQUA-Block BB

Basement Waterproofing Coating
For Commercial & Residential Applications
INSTALLATION INSTRUCTIONS

Surface Preparation

Like all good building practices, preparation is very important to ensure that the product will work with 100% effectiveness.

- Remove any existing paint or coatings on the wall. **AQUA-Block BB** can only be applied to bare concrete – it will not work if applied over paint.
- The surface should be rough (feel like fine sandpaper) to ensure good adhesion and bonding.
- If the surface is smooth, then “rough-up” using a mechanical or hand wire brush, sandblasting, power washing, or mild acid wash with muriatic (HCL) acid.
- Any cracks larger than 1/32” must be filled with AQUA-STOP Crack Filler before product is applied.
- Using a brush or sprayer, wash surface with plenty of clean water, prior to application, making sure the water has soaked into the concrete and the surface is wet but not running with water when the product is applied. This will enable **AQUA-Block BB** to be “sucked” into the surface of the concrete and form a strong bond. If the surface dries out before application, it must be re-wetted. **DO NOT APPLY TO DRY CONCRETE.**

Mixing

- **Always add powder to water NEVER water to powder.**
- For brush applications mix one of the 25lb bags into 3/4 of a gallon of fresh water. If the mixture is too thick, a little more water may be added.
- For spray applications mix one of the 25lb bags into 1 gallon of fresh water.
- Only mix enough **AQUA-Block BB** for the immediate area to be covered, as once mixed you have 30 minutes to apply.
- Mix thoroughly with a mixer attachment on an electric drill to a consistency of thick paint.
- If mixture thickens in the pail-do not add more water, just re-mix.

Application

- Do not apply in temperatures below 40F (5C) or to a frozen substrate.
- Do not apply to a dry surface - surface must be pre-wetted with water before product is applied.
- Apply two coats of **AQUA-Block BB** at 20-50 mils per coat to achieve the coverage rate of 100 sq.ft. per pail.
- Recommended application is to mix and apply one bag over a 100 sq.ft. area and then apply the second bag over the same coverage area – this ensures the correct thickness of product.
- Apply second coat as soon as the first coat has set but is still “green” or slightly tacky (normally 2-4 hours). If this is not possible then the first coat must be roughened and dampened prior to applying the second coat.

Brush Application

- Work the product into the surface using the masonry brush enclosed, making multiple passes to ensure uniform application.

Spray Application

- **AQUA-Block BB** may be applied using a “Textured Hopper Sprayer” with compressed air.
- Spray in a circular movement to ensure complete coverage.

Surface Finishing

- Application with a brush or sprayer will leave a slightly textured finish. If desired the product can be smoothed with a trowel.

Curing

- **IMPORTANT:** Allow the coated area to dry for a few hours, until the product is no longer tacky, and then “mist” the entire surface with clean water using a spray bottle. Continue misting the surface for 3 days, keeping it damp and moist, so that the product penetrates into the surface.
- Under normal conditions it is sufficient to spray the treated surface three times per day for 3 days, but in hot or very dry climates, spraying may be required more frequently to prevent the surface from drying out.
- In badly ventilated areas, try to provide some air circulation for the first 24 hours.
- On exterior applications, protect the coated area from rain, frost, wind, and pooling water for at least 48 hours after application. If plastic sheeting is used as protection, it must be raised off the coated area to allow the coating to breathe.

Decorating, Coating and Tiling

- All surfaces coated with **AQUA-Block BB** must be left to cure for 3-4 days, then clean off any loose residue with a stiff, dry brush prior to painting or coating.
- Tile mortars can be applied after 3 days.
- **AQUA-Block BB** can also be applied by a professional plasterer, to give a smooth finished surface.
- For areas that are to be dry-walled or paneled, no additional treatment is required prior to the installation of strapping.

Safety

- Wear rubber gloves and protective eyewear during mixing and application.
- This product contains Portland cement and silica and is highly alkaline. Avoid contact with skin and eyes.
- After any contact with the skin, wash with plenty of clean water. In case of eye contact, rinse immediately with plenty of clean fresh water for a minimum of 10 minutes, and seek medical advice.
- **KEEP OUT OF REACH OF CHILDREN**

Storage and Shelf Life

AQUA-Block BB must be stored in a dry enclosed area off the ground. Shelf life in un-opened container is 12 months, from date of manufacture. Once mixed, any unused product should be disposed of according to local regulations.

Limited Warranty

It is the responsibility of the customer to determine the suitability of the product for the intended purpose. Factors such as temperature, surface preparation and applicator's skill are beyond the control of Aquaseal. Therefore, the manufacturer's liability is limited to the replacement of the defective material only.