

Iris Two Limited

27 January 2008

Camden Development Control Planning Services
London Borough of Camden
Town Hall
Argyle Street
London
WC1H 8ND
Attention: Alex Bushell, Charles Rose and Kevin Fisher

2008/0635/L
details of works to
water, damp proofing
and all new doors
pursuant conditions
3(a)(b) and 4 of the LB
consent dated 13/12/07

Application Ref: 2007/4217/L and 2007/4212/P

Subject: 7 Prince Albert Road, Listed Building Consent and Planning Conditions

Dear Alex, Charles and Kevin

Further to your request to submit details regarding the proposed damp proofing to the basement at 7 Prince Albert Road we intend to make good any defects on the existing concrete floor, clean the same and apply Aqua Block BB to the surface only please see attached specification sheet for your information and records.

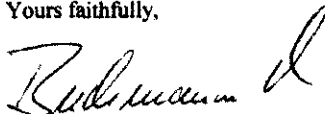
Attached please find a detailed report from Milk Structures the engineer regarding the repair works to the staircase for your consideration.

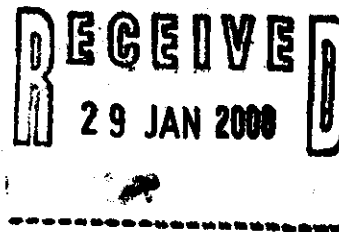
Also attached please find detailed drawings of the new doors for the lower ground, ground, first and third floors including elevations and section drawings with the proposed mouldings and architraves for consideration and approval. These details match the existing doors and architraves.

Regarding the Council's conditions to submit full details of hard and soft landscaping and the protection of all trees, please find attached drawings from Green Mantle Master Gardner's who are retained to carry out the works subject to your approval.

We hope this meets with your requirements and look forward to a favourable response and formal discharge of the conditions in due course.

Yours faithfully,


Rainer Buchmann





AQUASEAL

AQUA-Block BB

**Basement Waterproofing Coating
For Commercial & Residential Applications
Professional Grade**

Description

AQUA-Block BB is a state of the art, one-component, coating which waterproofs old or new, structurally sound Brick, Cement Block, or Stone walls or floors leaving a white matte finish. It is highly resistant to positive and negative hydrostatic pressure to a depth of 79.3m/260' which equates to 100 psi. **AQUA-Block BB** is not a vapour barrier, therefore, the concrete can still "breathe". Using this simple to apply waterproofing material means that damp walls or floors in cellars or basements will be a thing of the past - PERMANENTLY.

Features

- Ready to use, just add water and apply
- Ideal for waterproofing interior basements and cellars or damp walls and floors
- Cost effective alternative to expensive construction repairs
- 1 pail will cover approximately 9m²/100sf with 2 coats
- No odor or fumes
- Permanent treatment, for the life of the structure
- Seals cracks, up to 0.5mm (for larger cracks-fill with **AQUA-STOP** Crack Filler)
- Commercial and residential applications
- Tested up to 100 psi (79.3m/260')
- Utilizes the latest in European technology
- Brush or spray applied
- Protects against fresh water, salt water, waste water and aggressive ground water
- Inorganic - non toxic
- Can be used on water tanks (potable and non-potable), marine aquariums, fish ponds, swimming pools, tunnels, etc.
- Can be applied to damp and wet surfaces

Surface Preparation

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

- The surface must be sound, clean and free of any paint or coatings.

- 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, or mild acid wash.
- Any cracks larger than 0.5mm must first be filled with **AQUA-STOP** Crack Filler.
- Using a brush, wash surface with plenty of clean water, prior to application, making sure the surface is wet when the product is applied. This will enable **AQUA-Block BB** to be "sucked" into the pores and form a bond to the surface. **DO NOT APPLY TO DRY SURFACES.**

Mixing

- Always add powder to water NEVER water to powder.
- Contains two 11.4kg/25lb bags of powder.
- For brush applications mix one of the 11.4kg (25lb) bags into 2.9 litres of clean water. If the mixture is too thick, a little more water may be added.
- For spray applications mix one of the 11.4kg (25lb) bags into 3.8 litres of clean 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 5C (40F) or to a frozen substrate.
- Do not apply to a dry surface - surface must be pre-wetted with water before product is applied.
- Two coats are required at 20-50 mils per coat to achieve the coverage rate of 9m²/100sf per pail.
- Apply second coat as soon as the first coat has set but is still "green" (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

- Brush on the mixture evenly with the masonry brush supplied in the pail and work it well into the surface to ensure complete coverage.

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

- Brush or spray application will leave a slightly textured surface. If desired, product can be smoothed with a trowel.

Curing

- 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 cures properly.
- In badly ventilated areas, try to provide some air circulation for the first 24 hours.

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.

Technical Information

TEST	RESULTS	METHOD
Color & Aggregate State	White Powder	
Compressive Strength	2500 psi (17 MPa)	ASTM C-109
Flexural Strength	325 psi (3 MPa)	ASTM C-348
Bond / Adhesion	>120 psi (>.7MPa)	ASTM C-321
Shrinkage	0.014% at 28 days	ASTM C-596
Vapor Permeability	17	ASTM E-96

All data are an average of several tests under laboratory conditions. In practice, climatic variations such as temperature, humidity and porosity of substrate may affect these values.

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.

Packaging & Coverage

- **AQUA-Block BB** is supplied in 2 x 11.4kg/25lb bags in a plastic pail, and each pail includes a masonry brush to apply the treatment. Expect to cover approximately 9m²/100sf of finished surface from each pail.
- Each 11.4kg/25lb bag, when mixed with water, will cover approximately 4.5m²/50sf.

Safety

- This product contains Portland cement and silica and is highly alkaline. Avoid contact with skin and eyes. Refer to MSDS for more information.
- Wear rubber gloves and protective eyewear during mixing and application.
- 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**

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 the company. Therefore, the manufacturer's liability is limited to the replacement of the defective material only.

Manufactured in the USA
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