Aquatard FWR Data Sheet

Specification notes

Product: **Aquatard FWR**

Supplier:

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…for technical, specification & application advice;
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engineering and construction specialist products.

Aquatard Formwork Retarder

Formwork Retarders

Description

An environmentally friendly, non-flammable pigmented retarder designed to produce an exposed aggregate surface which gives an excellent key for subsequent concreting or surface treatments. Ideal for construction joints and rendering applications.

Advantages

- Eliminates the need for expensive and detrimental bush hammering.

- Hard abrasion resistant film which is not easily displaced during concrete placement.

- Can be applied onto all types of formwork both absorbent and non-absorbent.

- Water based and has very low odour. Ideal for areas of poor ventilation.

- Pigmented white to assist in uniform application.

- Surface produced provides an excellent key for subsequent treatments.

- Fully biodegradable.

Technical Information

Drying Time	1-2 Hours
Specific Gravity	1.32
Viscosity	Brushable paste
Coverage	6-10m²/litre depending on surface porosity
Stability	12 months when stored at normal temperatures.

Application Instructions

1. Ensure the material is well stirred before use.

2. Apply by brush or roller one full coat. Aquatard will dry in about one hour depending on ambient temperatures after which a second coat can be applied.

3. The film should be allowed to dry before placing concrete.

4. Once applied the Aquatard Formwork must be protected from frost, snow and rain.

5. Concrete must be placed carefully to ensure the retarder is not removed prematurely.

6. Upon stripping the formwork, between 8-24 hours after concreting, the surface should be brushed and well washed to remove the surface retarded matrix.

7. Clean formwork and equipment with cold water.

Note: Aquatard FWR will be removed along with retarded concrete.

Packaging

Aquatard Formwork Retarder is supplied in 5 litre containers.

Storage

Shelf life is 6 months when stored at normal temperatures. Protect from freezing. Keep away from foodstuffs and out of reach of children.

Health & Safety

Non-flammable and non-hazardous product requiring no special precautions. However, normal skin and eye protection is recommended. Should contact with eyes result, wash well with water.

Technical Datasheet

Limitations

Certain concrete admixtures can have a negating action with Aquatard Formwork Retarder. We recommend that a trial area be prepared if admixtures are to be utilised. During the application of Aquatard good site practice should be adopted. Should any splashes occur, remove with clean water.

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors. Technical representatives are available to provide further information and arrange demonstrations.

General Notes

Varying factors affect the degrees of retardation, we would always recommend that individual sample tests are carried out before proceeding with the main body of the work. Please note that small test panels may not be representative of larger units due to the exotherm produced in the latter.

Where a higher than average exotherm and/or ambient temperature is envisaged, please refer to the manufacturer.

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