

# AQUASHUTTER



## Polymer-modified cementitious waterproofing membrane coating

### About this product

Aquashutter is high flexibility polymer-modified cementitious waterproofing membrane coating made with an acrylic emulsion and a characteristic cement-based admixture. Aquashutter overcomes the weakness of conventional similar products such as weather resistance and fatigue performance resistance, then it exhibits superior waterproofing performance over an extended period of time.

### Work

Aquashutter is used for waterproofing of concrete structures with movement by the performance of high flexibility, regardless of whether underground or above ground in construction and civil engineering work.

- Suitable substrates :
  - New, old or repaired concrete.
- Suitable areas :
  - Basement wall. (inside, outside)
  - Water tank, Some pits
  - Toilet, Bathroom, Kitchen
  - Balcony, Small-scale roof etc.

### Product

- |                         |                          |
|-------------------------|--------------------------|
| ACG emulsion            | ACG admixture (A Powder) |
| ● Color : White         | ● Color : Gray           |
| ● Appearance : Liquid   | ● Appearance : Powder    |
| ● Packing : 18kg bucket | ● Packing : 15kg bag     |

### Technical data

Pot life	(20°C)	30 minutes
Curing time	(20°C)	72 hours
Density (After hardening)		Approx. 1.8
Solid content		Approx. 65%
Tensile strength		1.1N/mm <sup>2</sup>
Elongation		145%
Elongation (Zero span tension)		3.9mm
Adhesion strength		0.8N/mm <sup>2</sup>

### Features and benefits

- ▶ Follow the crack by high flexibility.
- ▶ Excellent bond to damp or wet concrete.
- ▶ Easy to mix and apply.
- ▶ To use with exposure without deterioration due to UV rays.
- ▶ Environment friendly.

### Application tool

- Trowel
- Wool roller
- Brush

# AQUASHUTTER

## Preparation of substrates

All substrates must be sound and free of all contamination including laitance, paints, coatings, oil, grease and dust. Concrete and cement render surfaces must be roughened by suitable mechanical means such as grit blasting, high pressure water jetting or needle gunning. Thoroughly dampen the whole area with clean water before applying Aquashutter.

## Mixing

### ●Primer

Use only clean bucket and clean water. Add 4kg (4 liters) clean water to 1kg of ACG emulsion, then mix together well.

### ●Waterproofing

Use only clean bucket. Add 18kg of ACG emulsion into clean bucket, add 30kg (2 bags of 15kg) of ACG admixture gradually while mixing.

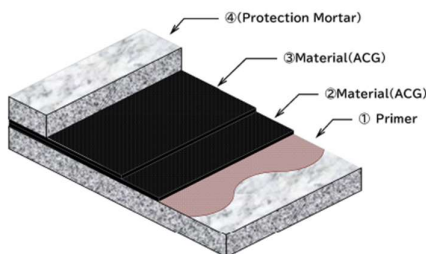
Mix at least 3 minutes after adding all powder, to produce a smooth and homogeneous brush-able consistency until lump-free. After a ripening time of 1-3 minutes mix again shortly.

## Application

Apply Primer with roller or brush.

Then apply Aquashutter at least 2 layers by trowel, roller or brush after confirm the drying the primer. Respect a waiting time of 3-5 hours before applying second layer.

Do not apply in direct sunlight or on a hot substrate (depend on the condition).



## Storage

When stored unopened in a dry, cool and dark place, shelf life is 12 months from date of manufacture.

## Health and safety

Contains cement.

## Conforming standards

Japanese Architectural Standard Specification  
JASS 8 : Polymer-modified Cement Waterproofing  
Membrane Work Standard quality



**UBE CT Construction Materials  
Vietnam Co., Ltd.**

46 Floor, Bitexco Financial, 02 Hai Trieu str.,  
Ben Nghe Ward, District 1, Ho Chi Minh City,  
Vietnam

TEL: +84 (0)28 7308 0827