

Polymer-modified cementitious waterproofing membrane coating

About this product

Aquament is high flexibility polymer-modified cementitious waterproofing membrane coating made with an acrylic emulsion and a characteristic cement-based admixture. **Aquament** 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

Aquament 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

Product

Em B emulsion

- Color : White
- Appearance : Liquid
- Packing : 4.3kg bucket

A Powder

- Color : Gray
- Appearance : Powder
- Packing : 15kg bag

Technical data

Pot life	(20°C)	30 minutes
Curing time	(20°C)	72 hours
Density (After hardening)		
Solid content		
Tensile strength		1.48N/mm ²
Elongation		53%
Elongation (Zero span tension)		1.3mm
Adhesion strength		1.4N/mm ²
Water Permeability (g)		0.1
		No permeable

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.

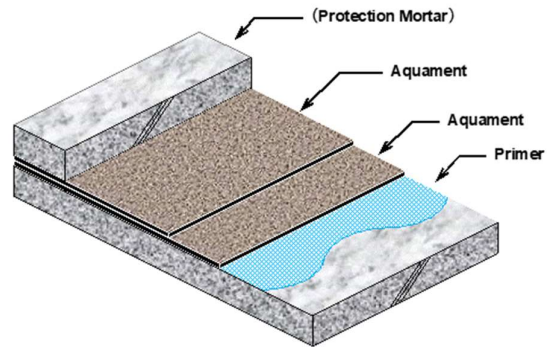
Application tool

- Trowel
- Wool roller
- Brush

AQUAMENT

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 **Aquament**.



Mixing

●Primer

Use only clean bucket and clean water. Add 3kg clean water to 1kg of **Em B emulsion**, then mix together well.

●Waterproofing

Use only clean bucket. Add **Em B emulsion** into clean bucket, add **A Powder** gradually while mixing with ratio table

	Em B	:	A Powder
Wall or by trowel	4.3kg	:	15kg
Floor or by roller	4.3kg	:	13kg

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 **Aquament** 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.

Standards

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



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

No 41. Cao Duc Lan, An Phu Ward, Thu Duc City, HCMC, Vietnam

TEL: +84 (0)28 7308 0827