

# Acrylic Aquaculture Liquid Membrane



## WD LQ005 AQUACULTURE LIQUID MEMBRANE



### Description:

Weidun®LQ 005 Aquaculture Liquid Membrane is a high-performance, marine-grade anti-fouling coating designed to prevent fouling, corrosion, and bio-growth on aquatic facilities used for cultivating high-value seafood such as shrimp, abalone, sea cucumber, and sciaenid fish.

### Uses:

Weidun®LQ 005 Aquaculture Liquid Membrane is designed for areas that need to be waterproofed such as water tank for portable water, pool for seafood such as shrimp, abalone, sea cucumber and sciaenid fish.

### Advantages:

- Water-repellent and resistant to marine growth
- Corrosion-resistant against seawater and saltwater corrosion
- Balanced formula controls bacterial growth
- Effective against fungus, algae, and other microorganisms
- Suitable for freshwater and marine-based shrimp and fish farms
- Mortar layer is not required

### Product Application:

 Hand Brush

### Storage and Handling:

To prevent damage, store liquid emulsion and cement in a clean, dry location, covering as necessary to protect from environment damage. Monitor environmental conditions during storage, handling, and application.

### Product Specifications:

Bucket Size*	25.0L
Bucket Height	34.0cm
Bucket Diameter	27.0cm
Bucket Weight	20 kg
Full Pallet Weight	1.0 ton

Note: Weidun provide tailored design solutions for bucket size to meet your specific needs, please contact your sales representative for support.



### Technical Data Sheet:

Property	Standard Minimum Value	Weidun Value
Solid content (%)	65	67
Surface dry time (hour)	4	2.8
Through dry time (hour)	8	6
Tensile Strength at 23°C (Mpa)	1.0	1.0
Elongation at 23°C +/-2°C, (%)	300	324
Low-temperature flexibility, at -10 °C	No crack	No crack
Water penetration ( Maintain a water pressure of 1.5bar for 7days )	Non-penetration	Non-penetration

### Harmful Content Data Sheet:

Property	Standard Minimum Value	Weidun Value
pH (g/kg)	pH remain same	8.01
Ferrum (Fe) (mg/L)	≤ 0.03	<0.0045
Manganese (Mn) (mg/L)	≤ 0.01	<0.0005
Zinc (Zn) (mg/L)	≤ 200	<0.001
Arsenic (As) (mg/L)	≤ 0.005	<0.001
Plumbum (Pb) (mg/L)	≤ 0.005	<0.004
Cadmium (Cd) (mg/L)	≤ 0.001	<0.0005
Hydrargyrum (Hg) (mg/L)	≤ 0.001	<0.0001
Fluoride (mg/L)	≤ 0.1	<0.006
Nitrate (mg/L)	≤ 2	<0.016
Volatile phenols (mg/L)	≤0.002	<0.002
Argentum (Ag) (mg/L)	≤0.005	<0.0025
Tetrachloromethane (µg/L)	≤0.3	<0.1
Trichloromethane (µg/L)	≤ 6	<0.2