

AQUASEAL KS-906

SINGLE COMPONENT, ELASTOMERIC ACRYLIC WATERPROOF COATING



DESCRIPTION

Aquaseal KS-906 is a single component water based elastomeric acrylic waterproofing coating.

Aquaseal KS-906 is a 1-part, seamless polymer waterproofing with acrylic ester, crack bridging properties and proprietary additives. Designed and formulated as exposed waterproofing coating for R.C. flat roofs and metal roofs for commercial and residential structures. When applied on recommended surfaces, it provides excellent water resistance to prevent any water seepage or infiltration.

RECOMMENDED FOR

Balconies, Internal wet areas, Podium Decks, AHU & Pump Room, R.C. Roof, Metal roofing, Fountains, Retaining Wall, Drive way, Terraces, etc.

PACKAGING

Aquaseal KS-906 20kg/pail

COVERAGE

- Minimum 2 coats for **Aquaseal KS-906** at 1.3-1.7kg/m² per coat.
- **Optional:** Additional coat or a layer of heavy duty fiber mesh reinforcement must be applied for areas subject to extreme heavy traffic or where high thermal stresses are anticipated.

ADVANTAGES

Environmentally friendly, flexible, good adhesion, highly elastic, easy to apply by brush, broom or roller, refurbishment for exposed roof systems, heat resistance, pre batched single component, foot trafficable, etc.

APPLICATION PROCEDURES

• Surface Preparation

On the concrete surface - The smooth (light steel trowel to be used) substrate to be treated must be fully cured and sound, which shall mean that it is free of oil, excess mortar, grease, clean, and other contaminants. Any defects such as cracks or honeycomb and uneven surfaces shall be repaired with suitable repair methods. Pre wetting or dampening the substrate with clean water prior to primer coat application is a pre-requisite.

On Metal roofing – The metal roof to be treated must be free of grease, algae, clean and other contaminants. Recommended to use water jet cleaning and apply anti rust as primer coat before application.

• Mixing

Stir **Aquaseal KS-906** with an electrical mixer to an even and smooth consistency to permit entrapped air to escape.

• Application

Primer Coat – Mix one part of **Aquaseal KS-906** with 0.2 part of water and stir gently with an electrical mixer and apply at 0.2-0.5kg/m².

1st Coat – Apply the **Aquaseal KS-906** at 1.3-1.7kg/m² in one direction. (allow to cure approximately 4-8 hours)

2nd Coat – Apply the **Aquaseal KS-906** at 1.3-1.7kg/m² in a crosswise direction on top of the first application. (allow to cure for 24 hours)

LIMITATION

Not subject to heavy traffic and must be protected by protective screed. Do not apply **Aquaseal KS-906** with high consumption than recommended amount. Not recommended for application during rainy days or on stagnant water surfaces.

CLEANING

Clean all tools and equipment immediately with water after application.

STORAGE

Aquaseal KS-906 must be stored in cool and dry place. Shelf life is 12 months in a sealed pail.

TECHNICAL SUPPORT

For more information, alternative application or alternative proposal, please contact our Technical Department at the email address below.

SAFETY PRECAUTIONS

We recommended use of protective gloves during application. If there is contact with eyes and skin, wash immediately with plenty of water. Seek medical assistance immediately.

TECHNICAL DATA

No.	ITEM	INDEX / PY	TYPE I PRODUCT	TEST METHOD	
1	Appearance	After mixing coatingis uniform without agglomerate	Qualified	JC/T 864-2008	
2	Tensile Strength Mpa	≥1.0	3		
3	Elongation At Break	≥300	535		
4	Low Temperature Flexible/°C	-10°C, No crack	-20°C, No crack		
5	Imperviousness 0.3Mpa, 30 Min	Impermeable	Impermeable		
6	Solids Content %	105°C 3h≥65	71		
7	Drying Time	Surface Drying Time	≤4		3
		Hard Drying Time	≤8		6
8	Heating expansion rate	≤1.0	Shorten 0.3		
9	Adhesion of paint film	1MPa			ASTM D4541-17E
10	Tensile strength	0.768			ASTM D412
11	Elongation	510			ASTM D412
12	Tear resistance	11.2KN/m		ASTM D624	



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