Aquaseal 300
Easy Ponding Elastomeric Waterproof Coating

Product Description

Aquaseal 300 easy ponding elastomeric waterproof coating is a single component water-based environmental protection polymer waterproof coating compounded by high-quality acrylic emulsion and additives.It is featured by easy application and seamless coating film,and it is widely used in concrete,roof maintenance, indoor waterproofing and relevant fields.

Where To Use

- Waterproofing and decoration of new and old roofs;
- Waterproofing and moisture-proofing of indoor rooms, kitchens and bathrooms.

Recommand Usage

2.3-2.5kg/m²for 1mm-thickness film

（Note: The data belongs to the calculation of standard experimental environment and is for reference only. The actual amount should be calculated according to the site base surface.）

Product Features

- Stable performance,weather resistance and reliable waterproof performance;
- Strong adhesion,liquid under construction, curing at room temperature,easy application, shorten project lead time;
- Excellent elongation and tensile strength,being a bridge role of the waterproof substrate of expansion and slotted deformation abilities.
- Low temperature resistance.

Construction 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 300 with an electrical mixer to an even and smooth consistency to permit entrapped air to escape.

Application

Primer: Mix one part Aquaseal 300 with 0.2 parts water, stir gently with an electric stirrer, and then apply.

① Application: Apply Aquaseal 300 in the same direction. (Curing time is about 4-8 hours)

② Application: Apply Aquaseal 300 horizontally on the basis of the first layer. (Curing time is about 24 hours)

Packaging

20kg/Pail

Storage And Transportation

- Products of different categories should be separated from each other during storage and transportation.
- The storage temperature should be maintained between 5℃~ 40℃.Do not approach the fire,avoiding exposure to direct sunlight and rain,preventing collision.Adequate ventilation should be ensured during storage.
- Shelf life is 6 months from the date of production under appropriate storage conditions.

Technical Data Based For Reference

No.	Item		Index	Type I	Test method
1	Tensile Strength Mpa		≥1.0	3	JC/T864-2008
2	Elongation At Break		≥300	535	
3	Low Temperature Flexible/C		−10℃,No crack	−20℃,No crack	
4	Imperviousness 0.3Mpa,30 Min		Impermeable	Impermeable	
5	Solids Content %		105℃ 3h≥65	71	
6	Drying Time	Surface Drying Time	≤4	3	
		Hard Drying Time	≤8	6	
7	Heating expansion rate		≤1.0	Shorten 0.3	
8	Adhesion of paint film		1MPa		ASTM D4541−17E
9	Tensile strength		0.768		ASTM D412
10	Elongation		510		ASTM D412
11	Tear resistance		11.2KN/m		ASTM D624

SMART CKS MARKETING SDN. BHD.
ADD: No. 6B, Jalan Gambus 33/4, Seksyen 33, 40400 Shah Alam, Selangor, Malaysia

Email: info@smart-cks.com | Web: www.cks-global.my

We hope the information here will be helpful. It is based on data and knowledge considered to be true and accurate, and is offered for consideration, investigation and verification by the user, but we do not warrant the results to be obtained. Please read all statements, recommendations, and suggestions in conjunction with our conditions of sale, which apply to all goods supplied by us. No statement, recommendation, or suggestion is intended for any use that would infringe any patent, copyright, or other third party right.