Aquaseal 305
Water-based Rubberized Waterproof Coating(Exposed)

Product Description

This product is a water-based coating specially used for roof exposed waterproofing,which is made of rubber emulsion as the base material,together with high-grade resin emulsion,additives and fillers.It is featured by excellent extensibility,UV resistance,water resistance,acid and alkali resistance.It is ready to use when opening the Buckets,and can be exposed directly after construction,without protective layer.It is especially suitable for waterproof treatment and waterproof repair works of the roof.

Recommand Usage

2.0kg/m² for 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.）

Where To Use

Waterproof treatment and repair works of various roofs,etc.

Packaging

5kg/pail，20kg/pail

Product Features

- Easy application,ready to use when opening the Buckets, and it can be applied by roller, brush and spray machine.
- Excellent ultraviolet aging resistance,good high and low temperature resistance,strong weather resistance and long service life.
- Excellent adhesion,long-term adhesion of various base surfaces and form a seamless overall waterproof layer.
- Excellent elasticity,it can effectively resist the shrinkage,deformation and cracking of the base layer.

Construction Procedures

- The base layer must be solid, flat, free of open water, floating ash and oil, and the internal and external corners shall be made into arc corners. When the metal roof is rusted or seriously damaged, the damaged base must be repaired, and special rust conversion treatment agent shall be used for rust removal;
- the pipe orifice, gutter, eave gutter, internal and external corner nodes within the construction scope shall be pre-coated and sealed, and the reinforcement base material (mesh cloth, non-woven fabric) shall be paved during the coating process for reinforcement;
- Uniformly construct 2- 3 times according to the "cross" method, and the film thickness of each time should be 0 .5mm, not too thick. At the interval of each pass, the previous coat is dry and not sticky, and the next coat must be perpendicular to the direction of the previous coat to achieve the uniform and consistent effect of the coating;
- after several times of coating, the average thickness of the coating film shall not be less than 1.5 mm, or meet the engineering design requirements. The complete dry setting time of the coating film is about 2 - 3 days at normal temperature, and the dry setting time will be prolonged in an unventilated or humid environment;
- In winter, the drying time should be extended before the closed water test.

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 12 months from the date of production under appropriate storage conditions.

Technical Data Based For Reference

NO.	Test Item		Index
1	Solid content/% ≥		60
2	Tensile strength/Mpa ≥		2.5
3	Elongation at break/% ≥		200
4	Tearing strength /(N/mm) ≥		12
5	Impermeability		0.6 MPa, 30 min, Impermeable
6	Heat treatment(80° C , 168h)	Tensile strength retention / % ≥	8
		Elongation at break / % ≥	150
7	Alkali treatment [0.1 % NaOH+saturatedCa(OH) 2 solution， 168h]	Tensile strength retention / % ≥	60
		Elongation at break / % ≥	150
8	Acid treatment (2%H SO4 solution, 168h)	Tensile strength retention / % ≥	60
		Elongation at break / % ≥	150
9	Artificial weathering aging(720h)	Tensile strength retention / % ≥	80
		Elongation at break / % ≥	150
10	Thermal tensile ratio / %		− 4.0− +1 . 0

CKS Global Building Materials Service Provider

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