

Aquacoat 120

Solvent-based Polyurethane Waterproof Coating(1K)



Product Description

Aquacoat 120 is a high-performance, one-component waterproof coating with graphene-enhanced modifiers. Ideal for non-exposed areas, it offers superior durability and twice the anti-seepage performance of standard polyurethane coatings.

Recommend Usage

1.3~1.5kg/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.

Technical Data Based For Reference

No.	Item	Index
1	Tension Strength	2.0 Mpa
2	Elongation at break	500%
3	Solid content	≥85%
4	Low-temperature bendability	-35℃, No cracks
5	Bonding strength	≥1.0MPa
6	Waterproofness	0.6MPa, 120min
7	Water absorption rate	≤5%

mark: Test values shown in above are subjected to testing done in the lab.

Where To Use

Non-exposed waterproofing works for bathroom floors, kitchen floors, balcony floors, and roofs.

Product Features

- Ready to use: it is pre-packaged, eliminating the need for complex mixing that can lead to quality issues.
- Durable: It offers stable performance with resistance to aging, acids, alkalis, fatigue, and extreme temperatures.
- Eco-friendly
- Easy installation: excellent leveling properties. Upon application, it reacts with moisture in the air to create a seamless, tough, and highly elastic waterproof film.
- Versatile: It can be combined with high-polymer membranes and self-adhesive modified bitumen waterproof membranes to create a comprehensive waterproofing system.

Packaging

5kg/pail, 25kg/pail, Dark Green

Construction Procedures

Surface Preparation

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,lean and other contaminants.Any defects such as cracks &honeycomb shall be repaired with suitable repair methods.

Mixing

Stir Aquacoat 120 thoroughly and gently with an electrical mixer to minimize air entrapment.Use within 30 minutes.

Application

- Coat Apply the well mixed Aquacoat 120 in one direction.(allow to cure approximately 6-12 hours)
- After the first coat full dried, Coat Apply the well mixed Aquacoat 120 in a crosswise direction as a second coat application.(allow to cure for 24hours)

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°C~ 40°C.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.