

# MAXILRAD



## TWO-COMPONENT WATERPROOF

### Technical Datasheet

#### AD 100 CONCRETE ADDITIVE & SP 300 WATERPROOF POWDER

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## INTRODUCTION

**TWO-COMPONENT WATERPROOF** consists of two components, liquid and powder. liquid It is part of the mixture of acrylic emulsion and emulsion polymerization, as well as silicone polymerization. Adding a variety of powder additives contains a kind of mineral powder from the raw waterproof mixture Materials. Waterproof coating based on polymer cement as a new type of waterproof material with high flexibility. Strength, water resistance becomes a continuous seamless membrane after mixing and solidification. particle for direct object The seamless membrane can create a waterproof and moisture-proof layer for building walls, floors, balconies, pools, etc.

## CHARACTERS

- 1- The **TWO-COMPONENT WATERPROOF** consists of two components takes the acrylic acid and polymerization silicon co-polymerization emulsion as the latest tight vanguard technology to improve the ability of water resistance.
- 2- Adopt water as the dispersion medium,non-toxic,harmless to the environment.It's a kind of environmental friendly product.
- 3- The solidified seamless membrane contains the performance of higher elasticity , tensile strength,water resistance,and the weathering resistance.
- 4- Can be directly used in many kinds of basic substrates,no matter the moist base or dry.
- 5- Easy to operate. There is no limits for basic unit moisture. Application time could be reduced.
- 6- Any color auxiliary can be added to this product to achieve the effect of waterproof and decoration.

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## USE AMOUNT

- 1.6kg/m<sup>2</sup> ,thickness 1.0mm
- Brush or roller for small projects under 500 m<sup>2</sup> .
- Gasoline driven airless sprayer above 500 m<sup>2</sup> .

## PACKAGE

- 1- 20kg /Suit ( 10kg liquid + 10kg powder)
- 2- 20kg/ Gallon + 25kg/bag
- 3- 1000kg jambo bag + 250L polyethylene barrel



ITEMS	DATA
Appearance	Viscous liquid component + Powder component
Solid content	>85%
Density, g/cm <sup>3</sup>	>1.07
Tensile Strength	1.65 MPa
Elongation at break %	460
Foldability at Low Temperature	(-10C) No cracks
Heating ratio of expansion and contraction%	2%
Watertight ( 0.3MPa, 30min)	watertight
Surface drying time	8h
Hard drying time	24h
Bonding strength on wet substrates	1.Mpa
Artificial weathering aging(720h) Retention Tensile Strength	103%
Retention tensile strength % (Heat treatment)	163
Retention tensile strength % (Heat treatment)	63
For further details, please contact with the manufacturer.	

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## SUBSTRATES & APPLICATION

- Keep the substrates surface dry and without dust.
- Two coats brush requested. After the first coat dry then apply the second coat in a perpendicular direction with first coat.
- Proper application temp is 5°C-40°C.
- Surface dry time is 8h with temp 23°C.The lower temp, the longer dry time.

## TEMPERATURE CONTROL

- Not suggested to apply under 5°C.
- Surface dry time is 8h at 23°C.
- Storage temp 5°C to 50°C.



## APPLICATION

TWO-COMPONENT WATERPROOF cement based waterproof coating are mainly used for new and cold constructions,basement floors,toilets liquid membrane under tiles, pools ,etc.

The TWO-COMPONENT WATERPROOF can be used in exterior buildings,moist or dry bricks and stones,the mortar,the concretes,the metal,the

lumber,each kind of hear insulating layer base.

The application substrates could be dry or wet bricks buildings,concrete,mortar.

## CLEANING

Clean the application tools with water once work finished.

## ANNOUNCEMENTS

Notice that the AD 100 & SP 300 Roof Insulation & waterproof membrane is water based product, could be frozen in the tem under 0°C.

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