

# KS-580

## High Polymer Modified Bitumen Waterproof Coating



### Product Description

Polymer-modified asphalt waterproofing coatings are made by emulsifying asphalt with water as the primary raw material and modified polymers such as SBS or APP. After curing at room temperature, the product forms a seamless, elastic, and integral waterproof membrane on the base surface. It can be used as a standalone waterproofing layer or combined with waterproofing membranes to form a reliable composite waterproofing layer.

### Construction Technology

Base treatment → Detailed treatment → First coat  
→ Second coat → Multiple coats → Quality  
inspection → Protective layer application

### Storage And Transportation

Packing : 50kg/bucket  
Color: Black

### Product Features

- Acid-resistant, alkali-resistant, and aging-resistant, with a long service life.
- Excellent compatibility with other membranes to form composite waterproofing.
- Water-based, safe and reliable.
- Single-component, cold-applied, and easy to use.

### Where To Use

- Non-exterior waterproofing of roofs and underground structures;
- Coating waterproofing layer when combined with various modified asphalt waterproofing membranes;
- Base treatment agent for various modified asphalt waterproofing membranes;
- Can be directly applied to various pipes and concrete surfaces for protection and corrosion prevention.

### Recommend Usage

The reference dosage for a 1mm thick coating is approximately 2.0kg/m<sup>2</sup>–2.2kg/m<sup>2</sup>.  
(Note: This data is calculated under standard test conditions and is for reference only. Actual dosage will depend on actual site conditions.)

### Precautions

Need to stir well before use.

## Transportation and Storage

- During transportation and storage, different types of products should be stacked separately and not mixed. Protect from sunlight and rain, ensure good ventilation, and store at a temperature between 5° C and 40° C.
- Under normal transportation and storage conditions, the shelf life is at least six months from the date of production.

## Technical Data Based For Reference

Implement Standard: JC/T 408-2005

| NO. | Test item                      |                     | Index                           |
|-----|--------------------------------|---------------------|---------------------------------|
|     |                                |                     | L                               |
| 1   | Solid content/% $\geq$         |                     | 45                              |
| 2   | Heatresistance/°C              |                     | 80 $\pm$ 2                      |
|     |                                |                     | No running, sliding or dripping |
| 3   | Impermeability                 |                     | 0.10mpa,30min No water seepage  |
| 4   | Adhesion strength/Mpa $\geq$   |                     | 0.30                            |
| 5   | Surface drying time/h $\leq$   |                     | 8                               |
| 6   | Through drying time/h $\leq$   |                     | 24                              |
| 7   | Low temperature flexibility/°C | Standard conditions | -15                             |
|     |                                | Alkali treatment    | -10                             |
|     |                                | Heat treatment      |                                 |
|     |                                | UV treatment        |                                 |
| 8   | Bonding strength/MPa           | Standard condition  | 600                             |
|     |                                | Alkalitreatment     |                                 |
|     |                                | Heattreatment       |                                 |
|     |                                | UVtreatment         |                                 |