

## RUBBERBIT KS-580

HIGH-POLYMER MODIFIED BITUMEN WATERPROOF COATING



### DESCRIPTION

KS-580 High polymer modified bitumen waterproof coating is mainly use bitumen as raw materials, with water as the dispersion medium, with other polymer such as SBS or APP to modified the bitumen, finally launch out this polymer modified bitumen waterproof coating. As soon as the normal temperature cured the coating, the materials can be formed on the surface a layer of elastic waterproof film, it can work along to function as waterproof coat, and also can be compound with waterproof membrane to form a compound waterproof system.

### PRODUCT FEATURE

- The material is an aquatic product, with non-toxic, no smell, non-combustible characteristics, safe and reliable.
- The material is a single component, cold method construction, simple operation.
- Acid and alkali resistance, aging resistance, long service life.
- The film has good flexibility, crack resistance and heat durability, good adhesion, which is a kind of ideal waterproof material.
- Good compatibility with other waterproof membrane, melting after re-heating in the film state, the materials can be perfectly joint with the hot melt method constructed modified bitumen, to form a composite high grade waterproof structure.

### MAIN APPLICATION

- Non-exposed roof and underground structures. Compound with all kinds of modified bitumen waterproofing membrane to composite strong waterproof layer.
- As basic treatment agent for all kinds of modified bitumen waterproof membrane.
- Able to directly coated in a various of pipe, concrete surface to function as protection, anti-corrosion effect.

### INSTALLATION

- Substrate cleaning to ensure no dust and other things.
- Proceed waterproof operation only when last treatment is done. Mix operation is not allowed.
- No stepping, no touching by sharp objects before coating is fully dried and cured in case waterproof layer is affected.
- Protection layer or decoration layer conducted two days after waterproof layer is done.

### SUPPLY

#### Packing specification

50 kg/bucket

#### Recommend Usage

The usage for 1.0mm thickness coating is about 2.0kg/square meter.

## DETAIL DRAWING

No walking or next process before waterproof layer is fully cured after coating is finished.

Material should be kept in dry and cool area. Fire is not allowed in storage, feeding and installation spot.

## PHYSICAL PROPERTIES

Implement Standard: Q/SDKS 052-2016

No.	ITEMS	INDEX		
		L	H	
1	Solid content/ % $\geq$	45		
2	Heat resistance / $^{\circ}\text{C}$	80 $\pm$ 2	110 $\pm$ 2	
		No sliding. Flowing, dripping		
3	Impermeability 0.10mpa.30min	0.10 MPa.30min no leakage		
4	Adhesion strength / Mpa $\geq$	0.3		
5	Low temperature flexibility / $^{\circ}\text{C}$	Standard condition	-15	0
		Alkali treatment	-10	5
		Heat treatment		
		UV treatment		
6	Break elongation / % $\geq$	Standard condition	600	
		Alkali treatment		
		Heat treatment		
		UV treatment		
The buyer and the supplier can negotiate a lower low temperature index				



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