

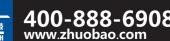






Joaboa Tech, pioneer of high quality waterproofing system.





# Non-curing Rubber Bitumen Waterproofing Coating

# SHENZHEN JOABOA TECHNOLOGY CO., LTD

Add: Floor 16th, No.2 North Area, Excellence City Central Square, Melin, Futian Dist., Shenzhen, Guangdong, China

Tel: +86 0755 33052250 Fax: +86 0755 33052266 Zipcode: 518049

Ver:2019.10.31



### **Product Introduction**

Non-curing rubber bitumen waterproofing coating is made of rubber, bitumen and additives, which always remains viscous during application. The product is supposed to be heated in site to flowing state, then brushed or sprayed on the substrate to form a waterproofing layer with strong cohesion, excellent creep property and self-healing. It is both a waterproofing layer and a bonding layer as well.



#### **Features**

- 1. Never curing: always maintains a viscous paste, creep property, never curing after application and able to resist the substrate deformation.
- 2. Lasting bonding: the material remains viscous after application and the bonding effect is long lasting.
- 3. Durable seal: always creep, ensuring the durable seal to the substrate.
- 4. Strong adherence: it can be bonded with all kinds of substrate surface and sheet membrane, and has high bonding strength.
- 5. Double function: not only a waterproofing layer, but also an excellent bonding layer.
- 6. Strong self-healing: even if the waterproofing layer is damaged during application, it can be self-healing to maintain a complete waterproofing layer.
- 7. Wide using range: it can be applied in normal temperature, low temperature and high temperature environment, and the bonding strength can be reached instantly.
- 8. Convenient construction: you can choose to brush or spray during application which is convenient and quick and can be applied to the design thickness at one time.

# Scope of Use

Suitable for waterproofing parts such as basement, roof and tunnel (open cut) for industrial and civil buildings.

## Package: 20kg/barrel

## Recommended Usage

2.0mm thickness coating, 2.5kg/ $\vec{m}$  is recommended (depending on the flatness of the base)

#### **Construction Method**



#### Notes

- 1. The heating temperature and the coating temperature of this material are high. The construction personnel should wear the necessary labor protection tools (such as gloves) to avoid high temperature burning.
- 2. The material is a creep solid at regular temperature, so it must have good application performance at a suitable temperature. If the unfinished coating's temperature decreases during application, it shall be reheated.
- 3. When reinforcement material is needed, it is better to pave before the bottom coating cools. The surface coating can be brushed immediately after paving.
- 4. When the coating is only used as waterproofing layer alone, non-woven fabric or asphalt felt should be paved as an isolated layer after brushing coating. Then protective layer can be carried out.

### Performance Index

Standard: JC/T 2428-2017

Number	Item		Technical Index
1	Flash Point / °C		≥ 180
2	Solid Content		≥ 98
3	Bonding Property	Dry Surface	100% Cohesive Failure
		Wet Surface	
4	Elongation/mm		≥ 15
5	Low Temperature Flexibility		-20°C , no crack
6	Heat-resistance -		65
			No flow, sliding, dripping
7	Thermal Resistance/°C	Elongation/mm	≥ 15
		Low Temperature Flexibility	-15°C,No Crack
8	Acid-resistance (2%H2SOH4solution )	Appearance	No Change
		Elongation/mm	≥ 15
		Weight Change/%	±2.0
9	Alkali Resistance [0.1%NaOH+ saturated Ca(OH)2solution ]	Appearance	No Change
		Elongation/mm	≥ 15
		Weight Change/%	±2.0
10	Salt Tolerance	Appearance	No Change
		Elongation/mm	≥ 15
		Weight Change/%	±2.0
11	Self-healing		No leakage
12	Oil Penetration /piece		≤ 2
13	Stress Relaxation/%	No Treatment	≤ 35
		Thermal Aging (70°C , 168h )	
14	Anti-water channeling/0.6MPa		No water channeling

## Package & Transportation









- 1. Protect from rain, exposure, extrusion, collision and keep the package intact during transportation.
- 2. The product shall be stored in a cool, dry and ventilated place to prevent direct sunlight. The storage temperature shall not exceed  $40 \,^{\circ}\text{C}$ .
- 3. Under normal storage and transportation conditions, the storage period is12 months from the date of production.