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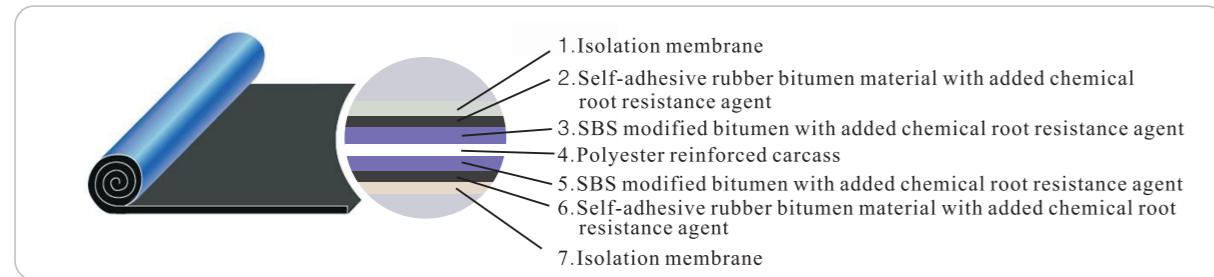


Ver. 20130917

Product Description

JOABOA people continue to use the “Skin Type” Waterproofing Theory on the basis of the original BAC self-adhesive waterproofing membrane, against a growing demand in the basement of the top, roof etc, we have researched & developed the BAC root resistant self-adhesive waterproofing membrane which is suited for the above parts. This material takes polyester filament fiber mat as reinforced tires base & takes the self-adhesive modified bitumen which was added importing chemical root resistance agent as coated cover material, both sides covered with self-adhesive type modified bitumen membrane which is made of isolation materials.

“Bondsure” BAC root resistant self-adhesive waterproofing membrane can be bonded with basic level closely, and then form into reliable “Skin type” waterproofing system. This material has the same waterproof function with BAC self-adhesive waterproofing membrane, meanwhile, it also has the function of preventing plant roots to penetrate.



Product Features

- ◆ It can prevent plant roots penetrating the membrane effectively for a long time and keep the integrity of waterproof layer.
- ◆ It can prevent the root piercing & does not affect the normal growth of plants either.
- ◆ This material is double sides self-adhesive membrane, using self-adhesive lap joint when overlap jointing, it is convenient and reliable.
- ◆ High tensile strength, large thickness modified bitumen coated cover layer, strong adaptable ability to the shrinkage deformation and cracking of basic layer.
- ◆ Cold bonding construction without adverse impact to the below normal waterproof layer.
- ◆ Excellent high and low temperature resistance, both suited for hot and cold area.
- ◆ Good Corrosion resistance, Mildew resistance and weather resistance.

Specifications

Thickness(mm)	Width(mm)	Length(mm)
4.0	1000/2000	10

Application Range

Especially suitable for the special space greening projects, mainly used for the building such as planted roof, garage planting roof, balconies, rooftops, terraces, walls, overpass etc. & the green matching waterproof engineering of the structure.



Physical and Mechanical Properties

Also comply with standards of GB/T 23457 《Pre-application/Wet-application waterproofing membrane》 & JC/T 1075 《Root resistant waterproofing membrane used in planting roof》

Performance standard : GB/T 23457

No.	Item	Index
1	Soluble content/(g/m ²) ≥	4.0mm
2	Tensile property	Tensile strength/(N/50mm) ≥
		Elongation at break/% ≥
3	Tearing strength /n ≥	300
4		70°C, 2h no displacement. No flow ability. No drip page
5	Low temperature flexibility /°C	-25
		No crack
6	Water impermeability	0.3MPa, impermeability within 120min
7	Pell adhesion with membrane/(N/mm) ≥	No treatment
		Heat treatment
8	Oil permeability/Piece ≤	2
9	Holding power/Min ≥	15
10	Peel adhesion with cement mortar / (N/mm) ≥	No treatment
		Heat treatment
11	Peel adhesion with cement mortar after immersion / (N/mm) ≥	1.5
12	Thermal ageing(70°C, 168h)	Tension retention/% ≥
		Elongation retention/% ≥
		Low temperature flexibility / °C
13	Thermal stability	Appearance
		Dimensional size /% ≤

Performance standard : JC/T 1075

No.	Item	Index
1	Root resistant puncture property	Pass
2	Mildew & Corrosion resistance	Mouldproof level
		Tension retention/% ≥
3	Dimensional size /% ≤	1.0

Test Report

Achieving the planting waterproofing membrane root resistant puncture property test report, which was issued by the domestic authority of professional testing institution Beijing Institute of Landscape Gardening, becoming the first domestic self-adhesive membrane which had passed the root resistant puncture testing.



Manufacturing Bases



Shenzhen Materials Factory



Beijing JOABOA



Suzhou JOABOA



Hubei JOABOA



Wuhan JOABOA



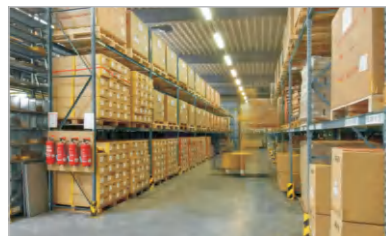
Chengdu JOABOA

Construction Notes

1. Directly in the concrete base construction, can be used cement slurry for wet-application construction, can also use the dry-application construction after brushing primary treatment agent on the dry base, the construction method is the same as normal self-adhesive waterproofing membrane.
2. When constructing on the normal waterproofing layer, uncovering the isolation membrane on the lower surface, then can be pasted directly.
3. The membrane connection uses the method of adhesive lap joint.

Storage and Transportation

- ◆ When on storage and transportation, different type or specification of products should be stacked separately, not be mixed.
- ◆ Avoiding the sun-scorched and rain-drenched, pay attention to the ventilation, storage temperature should not higher than 45°C.
- ◆ The membrane should be flatted when on transportation and storage, the flat stacking height can not surpass five layers.
- ◆ In the normal storage & transportation condition, the storage period is one year since the produced date.



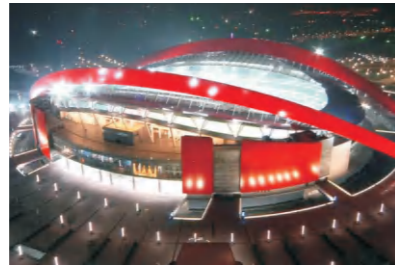
JOABOA Tech has invested USD 8,333,334 to set up an excellent self-adhesive membrane product line by introducing advanced facilities from American A&D company.

JOABOA Tech has formed industrial layout network the whole China first. With advanced facilities, strict QMS and excellent environmental facilities, JOABOA guarantees good quality of its products.

Project List



Shenyang Olympic Sports Center



Nanjing Olympic Sports Center



Shijiazhuang Airport



Liaoning sports training center integrated training venue



The first international



Guangzhou Vanke City Garden



Beijing Dongsheng Technology Park in the Northern Territory



Shenzhen Garden Expo



Foshan (international) household expo city



The administrative center of Yinchuan



Huawei Research Center



China Flower Expo main venues and logistics center



Tanzania National Stadium



Beijing Sheng Shi Yi Pin



Beijing Institute of Technology Gymnasium

JOABOA TECHNOLOGY

JOABOA TECHNOLOGY PIONEER OF WATERPROOFING & INSULATION