



贴必定® (*Bondsure*)

BAC-P DOUBLE SIDE SELF ADHESIVE WATERPROOFING MEMBRANE

REPRESENTATIVE BRAND IN CHINA

## SHENZHEN JOABOA TECHNOLOGY CO., LTD

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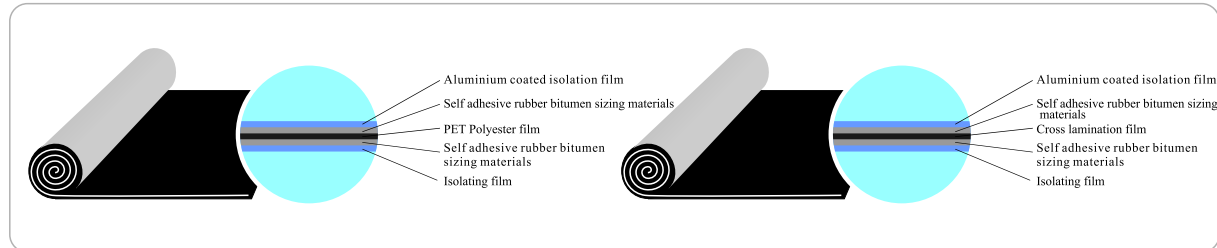
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## Product Description

Bondsure® BAC-P double side self-adhesive waterproofing membrane is made of PET polyester film or cross lamination film as interlayer, self-adhesive rubber bitumen sizing materials and isolating film covered both sides. This membrane has good stability, excellent self-healing, and reliable overlapping features, meanwhile, it can be strong bonded with the cement mortar or rubber bitumen coating, to avoid the water channeling and realize the “skin type” waterproofing. It's easy to construct, with low requirements to the substrate, safety and environmentally, and can be widely used to basement, roofs and other waterproofing projects.



## Product Feature

1. Adhesion reliable and convenient to be checked or repaired: The membrane can be bonded reliable to the structure, if there is local failure on the membrane, water would be confined in a limited area without fluid-channeling. Even there is seepage, the seepage point would be at the breakage point, which makes it easy to repair the leakage.
2. Unique wet-application technology, short construction period: No matter wet or non-level substrates are available to apply. No need to primer, high flexibility of application, being not influenced by temperature, more remarkable advantages while in rain days, all above become the most power weapon to shorten the construction period.
3. Easy to construct: Construction application seems like blockhead and convenient to handle. You can choose the application technology by the site condition.
4. Easy and reliable to overlap: This membrane is double side self-adhesive waterproofing membrane. It's convenient to overlap by self-adhesive overlapping.
5. Safe and environmentally: During construction, there is no solvent or fuel involved, avoiding pollution and fire risks and saving resources as well.

## Application Range



Basement, roof and other place of industrial and civil construction.

## Specifications

Thickness(mm)	Width(mm)	Length(m)
1.5	1000/2000	20
2.0	1000/2000	20

## Physical and Mechanical Properties

Performance standard GB/T23457-2009

No.	Item	Index		
		P		
		I	II	
1	Tensile property	Tensile strength/(N/50mm) $\geq$	150	200
		Elongation at break/% $\geq$	30	150
2	Tearing strength /N $\geq$	12	25	
3	Heat resistance	70°C, 2h no displacement. No drip page		
4	Low temperature flexibility /°C	-15	-25	
		No crack		
5	Water impermeability	0.3MPa, impermeability within 120min		
6	Pell adhesion with membrane/(N/mm) $\geq$	No treatment	1.0	
		Heat treatment	1.0	
7	Oil permeability/Piece $\leq$	2		
8	Holding power/Min $\geq$	15		
9	Peel adhesion with cement mortar/(N/mm) $\geq$	No treatment	2.0	
		Heat treatment	1.5	
10	Peel adhesion with cement mortar after immersion/(N/mm) $\geq$	1.5		
11	Thermal ageing (70°C, 168h)	Tension retention/% $\geq$	90	
		Elongation retention/% $\geq$	80	
		Low temperature flexibility / °C	-13	-23
12	Thermal stability	Appearance	No wrinkles, no slip, no flow ability	
		Dimensional size /% $\leq$	2.0	

International Standard ASTM

NO.	Items	Technical Requirements	Practical Data
1	Thickness	1.5mm	$\geq$ 1.5mm
2	Tensile Strength	$\geq$ 4N/mm , ASTM D412 Modified	6.32N/mm 5.64N/mm
3	Elongation	$\geq$ 200%( $\pm$ 10%) , ASTM D412 Modified	392% 343%
4	Tear Strength	$\geq$ 23N ( $\pm$ 10%), ASTM D624	33N 31N
5	Joint Peel Resistance	$\geq$ 700N/m	1800N/m
6	Joint Shear Resistance	$\geq$ 220N ( $\pm$ 10%), ASTM E154	235N
7	Low Temperature Flexibility	-15°C, no crack	-20°C, no crack
8	Resistance to Lateral Water Migration	70m( $\pm$ 10%), ASTM D5385	70m

Application technology

Wet-application



Substrate clean and wet



Brush cement mortar



Pave the waterproof membrane



Exhaust and overlap

**Notice:** The second layer waterproof membrane adopt the dry-application technology when the membrane is lamination designing.

Application technology

Dry-application



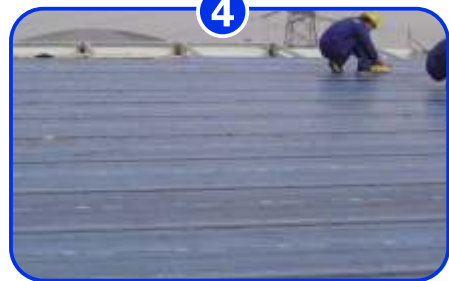
Substrate clean



Brush substrate treatment agents



Pave waterproof membrane



Membrane overlap

Application technology

Heat-application



Substrate clean



Heat the rubber bitumen waterproof coating



Brush the rubber bitumen waterproof coating



Pave and paste waterproof membrane

Storage and Transportation

1. Different types or specifications of products should be separated, not mixed.
2. Keep it dry and ventilated, protected from the sun or rain. Storage temperature should never be higher than 45 °C.
3. Pile up the membranes flatwise whose stockpile height never exceeds five layers.
4. Storage time is at least one year from manufacture date on if the product is under normal operation of storage.



Landmarks



The Number One Condominium  
Jomtien Pattaya Phase 1



Morgan Tower

Landmarks



La Vista One



Lingnan Garden



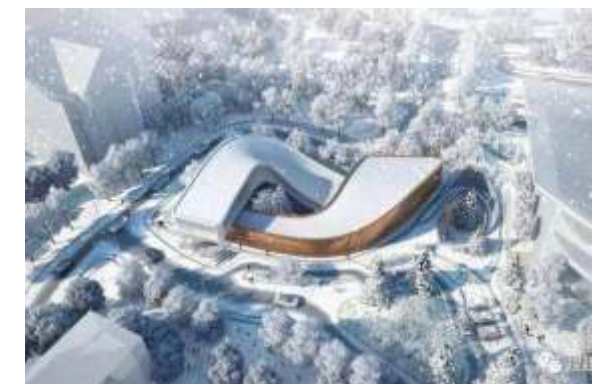
Pattaya Palm Spring Villas Phase 1



Pattaya Plam Lakeside Phase 1



Tanzania National Stadium  
—China's Key Foreign Aid Project



The Winter Olympics in Beijing Zhangjiakou  
—The First Winter Olympics in China



## Landmarks



Shenzhen Bao'an International Airport  
—The Largest Single Building in Shenzhen.



Ministry of Public Security Office Building  
— Another Landmark in Tian'anmen Area



Tianjin Binhai International Airport



National Museum of China



Binhai Building of TECENT  
— TECENT Global Headquarter Base



The First Affiliated Hospital of Zhengzhou University  
— The Largest Hospital in the World

## Manufacturing Bases



Wuhan Joaboa Technology Co.,Ltd



Suzhou Joaboa Technology Co.,Ltd



Tianjin Joaboa Technology Co.,Ltd



Chengdu Joaboa New Style Building Materials Co.,Ltd



Foshan Toyu Building Materials Co.,Ltd



Hubei Joaboa Building Energy Saving Technology Co.,Ltd



Huizhou Joaboa Technology Co.,Ltd

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 make sure good quality for it's products.