

APPLICATION REQUIREMENTS

Different types and specifications of butyl tape are selected according to different waterproofing membranes, different construction methods, environmental temperature and humidity, etc. Before application, the waterproof layer can be sealed and applied only after the quality of the previous project is qualified. The application environment temperature needs to be 5°C-45°C, and corresponding measures should be taken when it exceeds the specified temperature range. The surface of the base layer must be cleaned and kept dry and free from mud and oil.



! WRONG APPLICATIONS



Dust and gravel on the base surface



Wet base surface



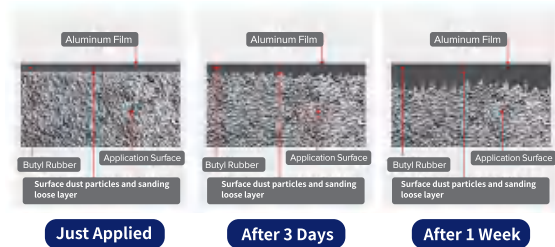
On the backside of water leak



Tape too narrow or too short

* Correct applications can maximize the waterproof effect of the butyl tape

PRECAUTIONS



*Do not tear off the tape after application. The penetration and the stickiness will get stronger as time goes by.

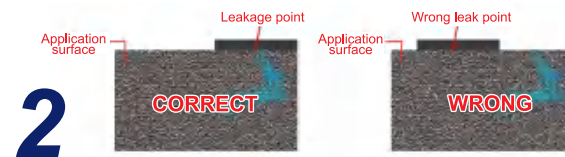


- Initial stickiness (apparent full stickiness)
 - No residence time
 - Persistent stickiness (microscopic full stickiness)
 - Residence time: 72 hours/70 °C
- INITIAL STICKINESS AND PERSISTENT STICKINESS OF BUTYL RUBBER**

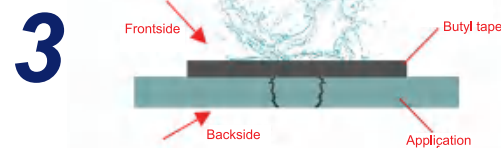


1. It is recommended to choose butyl tape with a width greater than 10cm for outdoor crack repair. Because most of the construction surface itself is a bit water absorbent and permeable. If the tape is too narrow, rainwater will bypass the waterproof layer and enter the construction, causing water seepage again.

3. The tape must be applied on the front surface of the leak point. It is not recommended to apply the tape on the backside of the leaking point just because of convenience. Even if it is effective at the time, it does not effectively solve the root cause of water seepage. Over time, it will cause water to accumulate inside the wall, which will cause the butyl tape and the coatings on the wall to fall off together. Therefore, it is necessary to apply on the front side of the leaking point, starting from the source, and effectively blocking the leakage of water.



2. The leak must be accurately located before applying the tapes. In most cases, the outdoor location corresponding to the indoor leaking trace is generally the leaking point. At the same time, it is also common that the leaking point is far away from the leaking trace. At this time, it is necessary to check the surrounding areas, especially the corner joints, ground gaps, root of the tube, and other common leak points to ensure that the tape is applied on the right place.



WATERPROOF BUTYL RUBBER PROFESSIONAL MANUFACTURER



HANGZHOU SINGER BUILDING MATERIALS CO., LTD

· <http://www.sangobuild.com> (English) · <http://www.2bihu.com> (Chinese)

400-6216-855

ABOUT US

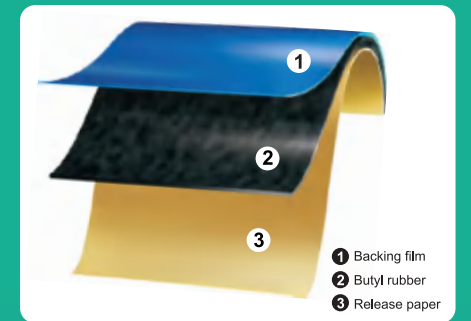
Sangobuild Provides One-Stop Roofing Materials Solutions

In order to meet the diversification of one-stop roofing materials, in 2019, Sangobuild established Shandong Two-Gecko New Materials Technology Co., Ltd., which is located in Shouguang City, Weifang, Shandong Province. It is a manufacturer of waterproof butyl tapes integrating R&D, production, sales and service. The factory covers an area of 5,000 square meters. The main products are butyl rubber, butyl self-adhesive waterproof tape, and butyl self-adhesive waterproofing membrane, which are widely used in roofing, basement, kitchen and bathroom waterproofing and leak repairing. There are 8 fully automatic production lines, complete laboratory inspection equipment, and more than 10 professional quality inspection technicians. All products have passed ISO9001:2008 quality management system certification. Its products have been exported to the United States, Canada, the United Kingdom, Japan, Australia, India, Vietnam and many other countries and regions. The company has won unanimous praise from users at home and abroad for its integrity management, production capacity, and reliable product quality! We will spare no effort to strengthen and improve the production and sales network, service system to return the trust and support of customers, looking forward to a win-win future with you.



ADVANTAGES OF SANGOBUILD BUTYL RUBBER TAPES

Sangobuild butyl tape is a kind of lifelong non-curing self-adhesive sealing waterproof tape made of butyl rubber as the main raw material, mixed with other additives, and processed through advanced technology. It has a good performance on the surface of various materials. Apart from strong adhesion, and excellent weather resistance, aging resistance and water resistance at the same time, it can also play a role in sealing, damping and protecting the surface of the adhered object.



Butyl tape products are completely solvent-free, so they do not shrink or emit toxic gases. Because they do not solidify for a lifetime, they have a good resilience to the thermal expansion and contraction of the surface. It is an advanced waterproof sealing material.

Substrate: Butyl rubber, with excellent air-tightness and water-tightness.

Backing Film: Two-Geckos can customize the backing film according to the different requirements of customers for various kinds of applications, and provide customers with different types of excellent backing films such as high weather resistance and anti-aging ones.

Two-Gecko New Materials Technology Co., Ltd. has independently developed and mastered the core technology of butyl rubber manufacturing. Now it has launched a new butyl self-adhesive waterproof tape product. The new material has better air-tightness and water-tightness. We have established long-term cooperation with construction parties, agents, municipal engineering builders and other customers.



ISO9001 QUALITY MANAGEMENT SYSTEM CERTIFICATION



LABORATORY TESTING EQUIPMENTS



WATERPROOF BUTYL TAPE

FEATURES

Excellent Mechanical Properties High bond strength and tensile strength, good elastic elongation, and strong adaptability to interface deformation and cracking.

Stable Chemical Properties Excellent chemical resistance, weather resistance and corrosion resistance. The service life can be as long as 15 to 30 years according to the different butyl rubbers.

Reliable Application Performance Its adhesiveness, waterproofness, sealing, low temperature resistance, high temperature resistance, good followability, and good dimensional stability.

Simple Application Process Peel and stick. Easy to use without roasting.

PRODUCT SPECIFICATIONS

| Rubber Model | Backing Film | Thickness(mm) | | Width(cm) | | Length(m) | |
|--------------|--------------------------|---------------|-----|-----------|-----|-----------|-------|
| 8608 | SQUARE ALUMINUM (GD) | 1.0—1.5 | ±5% | 5-120 | ±5% | 5—10 | ±0.03 |
| 8612 | REINFORCED ALUMINUM (ZD) | | | | | | |
| 8616 | DIAMOND ALUMINUM (LD) | | | | | | |
| 8619 | ANTI-AGING (KD) | | | | | | |
| 9619 | STRONG-CROSS (JD) | | | | | | |

PRODUCT DISPLAY



BUTYL RUBBER SELF-ADHESIVE MEMBRANE

FEATURES

Mechanical Properties High strength, high elongation, impact resistance, puncture resistance, scratch resistance.

Adhesive Performance The polymer self-adhesive film layer has excellent adhesion performance. The pre-laid membrane and the post-cast structure main body form a fully-adhesive waterproof structure without leaving any potential of water leakage.

Aging Resistance Excellent resistance to UV aging, heat aging, marine environment corrosion resistance, salt alkali resistance, and chloride ion penetration resistance.

Durability Waterproof membranes can maintain good chemical stability and long service life under common inorganic, organic acid-base, salt, organic solvents and microbial environments.

Eco-friendly Green building materials, no pollution to the groundwater environment.

PRODUCT SPECIFICATIONS

| Rubber Model | Backing Film | Thickness(mm) | | Width(m) | | Length(m) | |
|--------------|--------------|---------------|-----|----------|-----|-----------|-------|
| 8608 | PET | 1.2—2.0 | ±5% | 1—1.2 | ±5% | 15-30 | ±0.03 |
| 8612 | TPO | | | | | | |
| 8616 | HDPE | | | | | | |
| 8619 | EPDM | | | | | | |
| 9619 | PVC | | | | | | |



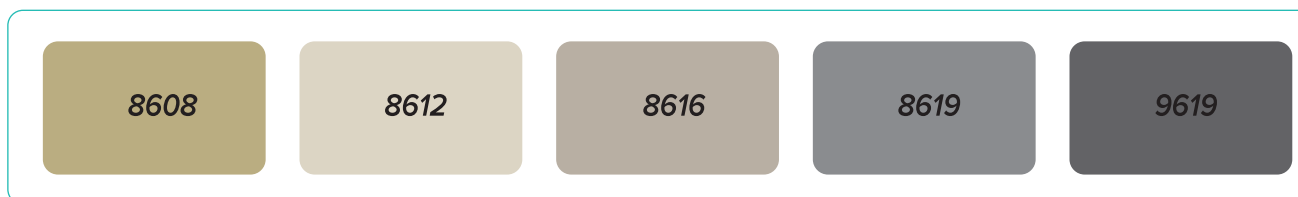
PRODUCT DISPLAY



TAPE SIZE RECOMMENDATIONS

| USAGE SCENARIO | TAPE MODEL | WIDTH |
|-----------------------------|----------------|----------------|
| Pipe Leaks | 8608/8612/8616 | 10cm/15cm/20cm |
| Glass Roof Seams | 8612/8616/8619 | 10cm/15cm/20cm |
| Ground Cracks | 8612/8616/8619 | 10cm/15cm/20cm |
| Steel Plate Overlaps | 8612/8616/8619 | 10cm/15cm/20cm |
| Window & Wall Joints | 8616/8619/9619 | 10cm/15cm/20cm |
| Steel Roof & Wall Joints | 8612/8616/8619 | 30cm/50cm |
| Roof Tiles & Wall Joints | 8612/8616/8619 | 30cm/50cm |
| Metal Roof Repair | 8616/8619/9619 | 50/1m |
| Whole Roof Waterproof | 8616/8619/9619 | 1m/1.2m |
| Basement Waterproof | 8616/8619/9619 | 1m/1.2m |
| Kitchen & Toilet Waterproof | 8612/8616/8619 | 1m/1.2m |

COLOR OF ADHESIVE BUTYL RUBBER



*The color of adhesive butyl rubber is customizable

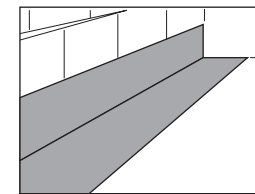
APPLICATION GUIDANCE



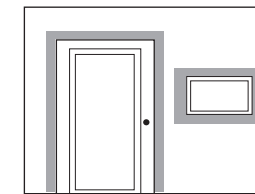
- 1. Clean the surface
- 2. Cut the tape to the required length
- 3. Peel the release paper
- 4. Stick & smooth down

SCOPE OF APPLICATION

1. Steel structure roofing, light-material roofing, waterproof underlay overlapping, overlap between the lighting boards, and the sealing, waterproofing, and damping of rain gutters.
2. Sealing and waterproofing of doors and windows, concrete roofs, and ventilation ducts.
3. Adhesive waterproof film for automobile doors and windows and sealing and shock absorption of car body and compartment.
4. Newly built roof waterproofing, underground waterproofing, waterproofing treatment of structural construction joints, lap joint sealing of polymer waterproofing membranes.
5. Waterproof sealing treatment of construction joints of subway tunnel structure in municipal engineering.
6. Suitable for bonding cement, wood, PC board roofing, PE, PVC, EPDM, and CPE materials.
7. Waterproofing and air-tight treatment of the joints, the closing parts and the special-shaped parts of the waterproofing project.
8. Single-sided tape is suitable for repairing leaking parts such as roofs, workshops, and carriages.



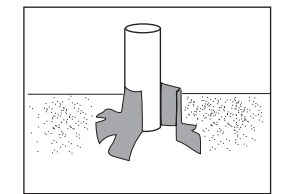
·Extension Flashing·



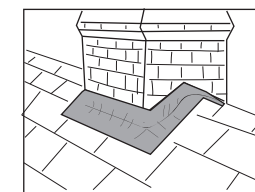
·Doors&Windows·



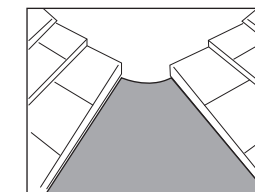
·RV's Mobile Home·



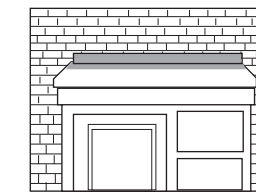
·Vent Pipe·



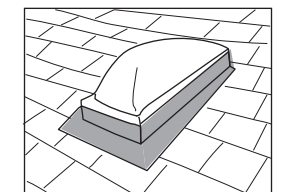
·Chimneys·



·Valley Gutters·



·Porches·



·Skylights·

APPLYING TOOLS OF BUTYL TAPE AND MEMBRANE

Cleaning tools, scissors, pressure roller, wallpaper knife, etc.

