

丁基橡胶耐候膜自粘防水卷材

BG-N Weather-resistant Self-adhesive Butyl Rubber Waterproof Membrane

产品概述

JDHT BG-N 丁基橡胶耐候膜自粘防水卷材是以氟碳耐候膜为覆面材料，以丁基橡胶为粘结材料，并覆以隔离材料而组成的本体自粘防水卷材。可采用自粘或湿铺法施工。

Description

JDHT BG-N weather-resistant self-adhesive butyl rubber waterproof membrane with PVDF overlay, consists of butyl rubber as bonding material, combine with isolation layer.

Applicable with wet lay-up technique, or self-adhesive method.

产品规格

厚度：0.5mm、0.8mm、1.0mm、1.2mm

Specs

Thickness: 0.5mm, 0.8mm, 1.0mm, 1.2mm

产品特点

1. 超长耐久性:可长期曝露使用，耐久年限可达 25 年以上。符合最新国家关于提高建筑使用年限要求。
2. 粘接性能好: 可与混凝土、金属、塑料、瓷砖、玻璃等各种基面快速粘接，初粘性好，可直接干粘施工，粘接效果可达微观满粘，消除窜水层，即使局部防水层被破坏也不影响整个防水系统，后期维护成本低；
3. 宽幅耐温性: 高温 100℃，不滑移，低温 -40℃不脆裂；
4. 雨季施工性: 潮湿基面可施工，水中可粘接，带水作业也不影响防水质量；
5. 低温施工: -20℃环境下，卷材仍保持粘性，无需动火加热，保证防水层质量
6. 综合成本低: 施工工序少，可省略保护层等工序，节省相应的直接成本，大幅度缩短工期，降低管理费用等综合成本；
7. 如有改造或其他破坏 易于维修；
8. 降低荷载，屋面色彩美观。

Features

1. Good durability, min. 25 years for exposed projects;
2. Excellent bonding properties, applicable with various substrates, including concrete, metal, tile, plastic, glass, etc. surfaces. May form micro-full-bonding with substrates, minimize the impact even if layer partially damaged, lower further maintenance cost;
3. Wide application temperature range, no slippage at 100°C, non-cracking at -40°C;
4. Raining season construction, wet substrates applicable, bondable in water, waterproof quality assured even working with water;
5. Low temperature construction, applicable at -20°C without heating;
6. Low overall costs, lessen construction processes, protection layer not required, both cost and time saving
7. Easy maintenance;
8. Light weight waterproof material, optional colors available.

技术指标/Technical data

序号	项目 Test items		指标 JDHT index	
			PVDF	
	型号 Type		I	II
1	拉伸性能 Tensile strength	拉力/ (N/50mm) \geq Pulling force N/50mm \geq	150	
		断裂伸长率/% \geq Elongation at break % \geq	50	
2	耐热性 Heat resistant		90°C	100°C
			2h无流淌、滴落, 滑动不超过2mm 2h, non flow, non drippage, sliding \leq 2mm	
3	低温柔性 Flexibility at low temperature		-30°C	-40°C
			无裂纹, no cracks	
4	抗窜水性 Channeling		0.6MPa, 不窜水 0.6MPa, no channeling	
5	卷材与卷材 剥离强度/ (N/mm) \geq Peel strength between membranes N/mm \geq	无处理 Room temperature	2.0	
		-10°C低温处理 -10 °C low temperature treatment	2.0	0.8
		热处理 Thermal treatment	1.0	0.8
6	卷材与铝板 剥离强度/ (N/mm) \geq Peel strength between membrane and aluminum	无处理 Room temperature	2.0	1.5
		-10°C低温处理 -10 °C low temperature treatment	1.0	
		热处理 Thermal treatment		
7	人工气候加速老化 (5000h) Artificial weathering	外观 Appearance	无起泡、裂纹、分层和孔洞 No blistering, cracks, delamination nor holes	
		最大拉力保持率/% \geq Max. tensile retention \geq	80	
		断裂伸长率/% \geq Elongation at break % \geq	40	
		低温柔性 Flexibility at low temperature	-25°C, 无裂纹 -25°C, no cracks	-32°C, 无裂纹 -32°C, no cracks

执行标准

Q/LJH0017-2020

应用领域

适用于铁路、公路、机场、海绵城市、水利工程、地下综合管廊、装配式建筑、绿色工程、棚户区改造、房地产等领域的防水工程，特别适用于外露工程的防水。

Uses

Railways, highways, airports, sponge cities, water conservancy projects, utility tunnels, prefab buildings, green engineering, shantytown renovations, real estate, etc, especially suitable for exposed waterproof projects.

施工工序

基层清理→涂刷基础密链剂→节点加强处理→弹线定位→铺设卷材→卷材搭接→节点密封处理→组织验收及成品保护

Surface preparation → Primer → Strengthening joint parts → Positioning with ink line → Membrane paving → Membranes overlapping → Joint parts Sealing → Protective measures

施工方法

1. 将杂物清理干净，基层若有尖锐凸起物需处理平整；
2. 弹线、试铺：弹线时先弹第一条定位线，第二条与第一条之间的距离为卷材的宽度，之后每条基准线与前一条基准线之间距离按预留出不小于 80mm 搭接宽度进行定位；
3. 将卷材隔离膜面朝下铺贴，铺设相邻卷材时，应注意与搭接边对齐，以免出现偏差影响搭接；
4. 卷材搭接，揭除卷材搭接边的隔离膜后直接搭接碾压即可，搭接宽度应 $\geq 80\text{mm}$ 。

Construction methods

1. Surface preparation, surface must be clean, remove all sharp sundries, flatten bulges;
2. Setup elastic line, then test paving. Setup first elastic line as a guideline, the distance between the second line and the first line equals to the width of the membrane. Reserve at least 80mm for overlaps when setting the following lines;
3. Pave the membrane, Keep the membrane insulation surface down. Make overlap edges of neighboring membranes aligned to avoid deflects.
4. Lap joint. Remove the separation foil at the overlap area, connect and compact the joint, the width of the joint $\geq 80\text{mm}$.

贮存运输

- 1、在干燥、通风环境下贮存，防止日晒雨淋，存放温度不超过 45℃。
- 2、不同类型和规格的产品应分类贮存。
- 3、卷材平放时码放高度不超过 4 层，不应倾斜或交叉横压，立放时单层堆放。
- 4、搬放、运输、储存和使用卷材时应避开导致穿孔或物理损伤的物体和环境。

Package & Storage

Rolled;

1. Store indoors at dry, ventilated place, protected from sunlight and rain, storage temperature not exceed 45℃;
2. Different types products must be stored separately;



3. Max. stacked 4 layers while horizontal placed, membranes prohibited to be stored inclined or crossed, stack single layer while vertically placed;
4. Handle with care during transport, storage and applying.

贮存时间

自生产时间起 1 年。

Shelf Life

12 months from date of manufacture.

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