

POLYMER BUTYL RUBBER SELF-ADHESIVE WATERPROOF MEMBRANE

PRODUCT DESCRIPTION

JDHT BG-Y high density butyl rubber self-adhesive waterproof membrane is designed for pre-applied waterproof projects, consists of high density polyethylene (HDPE) film as main material, butyl rubber self-adhesive film on one side together with isolation layer. JDHT BG-W self-adhesive butyl rubber membrane with strengthen films as overlay, consists of butyl rubbermodified bitumen as bonding material, covered with isolation layer. Applicable with wet lay-up technique, or self-adhesive method.

USES

- Underground project decks
- Facades
- Metros
- Tunnels

APPLICATION INFORMATION

- Surface preparation
- Joint part strengthening
- Positioning with ink line
- Membrane paving
- Membrane overlapping
- Joint part sealing
- Protection measures
- Rebar

CHARACTERISTICS / ADVANTAGES

- 1 Skin type waterproof system, prevent channeling by form micro-full-bonding with substrates, minimize the impact even if waterproof system partially damaged, lower further maintenance cost;
- 2 Applicable at wide temperature range, no slippage at 100°C, non-cracking at -40°C;
- 3 Raining season construction, wet substrates applicable, bondable in water, waterproof quality assured even working with water;
- 4 Low temperature construction, applicable at -20°C without heating;
- 5 Low overall costs, achieve sound waterproof performance with single layer, lessen construction processes, protection layer not required, both cost and time saving.

PRODUCT INFORMATION

Appearance / Color	white <input type="checkbox"/>
Shelf life	1 year
Packaging Dimension	wide x 1000mm/2000mm long roles
Thickness	1.2mm、1.5mm、1.7mm
Standard	Q/LJH0017-2020
Pulling force N/50mm\geq	600
Tensile strength MPa\geq	16
Elongation at break %\geq	400
Nail rod tear strength N\geq	400
Impact resistance ($\boxtimes 10 \pm 0.1\text{mm}$)	no leakage
Thermostability	100°C,2h, no flowing, drippage, sliding $\leq 2\text{mm}$
Flexibility at low temperature	Adhesive layer, -40°C, no cracks
Channeling	0.6MPa, no channeling
Peeling strength with concrete after soaking	1.5