

BUTYL RUBBER WATERPROOF AIR BARRIER

PRODUCT DESCRIPTION

JDHT BG-G self-adhesive butyl rubber waterproof air barrier, with polymer membrane as cover, butyl rubber as adhesive layer, also covered with isolation materials. Applicable with self-adhesive method.

USES

- Metros
- Utility tunnels.

CHARACTERISTICS / ADVANTAGES

- 1 Good durability;
- 2 Good air tightness, butyl rubber is the best air-tight, water-tight synthetic rubber, steam transmission rate is 1/200 compare with nature rubber;
- 3 Excellent bonding properties, applicable with various substrates, including concrete, metal, tile, plastic, glass, etc. surfaces. May form micro-full-binding with substrates, minimize the impact even if waterproof system partially damaged, lower further maintenance cost;
- 4 Applicable at wide temperature range, no slippage at 100 °C, non-cracking at -40°C;
- 5 Raining season construction, wet substrates applicable, bondable in water, waterproof quality assured even working with water;
- 6 Low temperature construction, applicable at -20°C without heating.

APPLICATION INFORMATION

- Surface preparation
- Primer
- Strengthening joint parts
- Positioning with ink line
- Air barrier paving (spot bond, strip bond)
- Barrier overlapping
- Joint part sealing
- Protective measures

PRODUCT INFORMATION

Appearance / Color white

Shelf life 1 year

Packaging Dimension wide x 1000mm/2000mm long roles

Thickness 0.3mm, 0.5mm, 0.8mm

Standard Q/LJH0017-2020

Tensile Strength (N/50mm) ≥ 300

Elongation at break % \geq 20

Thermostability Type I 90°C, TypeII 100°C; 2h non flow; non drippage, slide ≤ 2 mm

Flexibility at low temperature Type I -30°C, TypeII -40°C, no cracks

Channelling 0.6MPa, non channeling water

Peeling strength between membranes

Room temperature Type I 2.0, TypeII 0.8

-10°C low temperature treatment Type I 2.0, TypeII 0.8

Thermal treatment Type I 1.0, TypeII 0.8

Peeling strength between membrane and aluminum

Room temperature Type I 2.0, TypeII 1.5

-10°C low temperature treatment 1.0

Thermal treatment 1.0