

SELF-ADHESIVE BUTYL RUBBER WATERPROOF MEMBRANE (SPECIALIZED: METRO & UTILITY TUNNEL)

PRODUCT DESCRIPTION

JDHT BG-I self-adhesive butyl rubber membrane with Valeron strength films as overlay, consists of butyl rubber modified bitumen as binding material, combine with separation layer. Apply with wet lay-up technique, or self-adhesive method.

USES

- Metros
- Utility tunnels.

APPLICATION INFORMATION

- Surface preparation
- Sealant
- Strengthening joint parts
- Positioning with ink line
- Membrane overlapping
- Join parts sealing
- protective measures

CHARACTERISTICS / ADVANTAGES

- 1 Good durability;
- 2 Good dimension stability, Valeron strength film as overlay, especially suitable for tunnels;
- 3 Excellent adhesion to all substrate and surface layer, no seepage at all even if partially damaged;
- 4 Wide applicable 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;
- 7 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	black
Shelf life	1 year
Packaging Dimension	wide x 1000mm/2000mm long roles
Thickness	1.2mm, 1.5mm
Standard	Q/LJH0017-2020
Tensile Strength	(N/50mm) ≥ 200
Elongation at break %\geq	150
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
Anti-channeling water	0.6MPa, non channeling water
Peeling force between membranes N/mm\geq	
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 force between membrane and aluminum	
Room temperature	Type I 2.0, TypeII 1.5
-10°C low temperature treatment	1.0
Thermal treatment	1.0