

Product Data Sheet Lucobridge GV-Bit

Producer

LUCOBIT AG
Brühler Str. 60
Basell Polyolefine GmbH - B 100
D-50389 Wesseling

Product

Lucobridge GV-Bit is a single ply membrane with a total thickness of 4,7 mm, which exists of a 1,5 mm strong fleece. The single ply membrane is provided with a modified bituminous mass of 1,6 mm thickness. The single ply membrane is conceived for the single-ply sealing under stone mastics asphalt, mastic asphalt or bituminous concrete.

Advantages

- easy to lay as waterproofing membrane for bridges
- high resistance to static loading
- high resistance to impact
- highly resistant to penetration
- excellent to bridge cracks in concrete
- extremely high adherence on pretreated subsurface
- excellent temperature resistance

Use

- Bridge – concrete or steel
- Parking levels/parking garages incl. driveways
- Tunnel
- Civil engineering

Processing

The surface of concrete or steel has to be prepared corresponding to the regulations and must be pretreated with epoxy resin (ZTV-ING Part 7, clause 1 resp. 4).

Lucobridge GV-Bit has to be rolled out, free of voids with overlapping seams and impacts using the flash welding procedure. Details may be found in the laying instructions. Multistreamed gridburners with lateral wind protection are recommended. The temperature of bitumen should not exceed 160 °C.

Storage

Lucobridge GV-Bit should be stored upright, protected from moisture and heat.

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Typical Properties	Unit	Lucolast® 7010	Standard Value
Colour			black
Thickness	EN 1859-2	mm	2,4
Dimensions	EN 1849-2	m	1,00 – 7,5
Water tightness	EN 1928-B	6 bar / 24 h	o.k.
Cold bend test	EN 495-5	°C	-40
Heat stability		°C	+100
Tensile strength MD/TD	ISO 527	N / 50 mm	1350 / 1150
Elongation at tensile strength MD/TD	ISO 527	%	50 / 70
Adhesive tensile strength / SMA	TP-BEL-B	MPA	1,0

These standard values are typical values and should not be regarded as specifications.