

FLAGON®

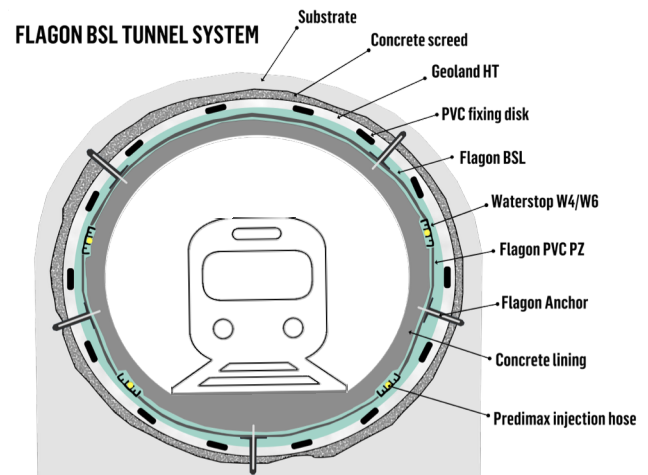
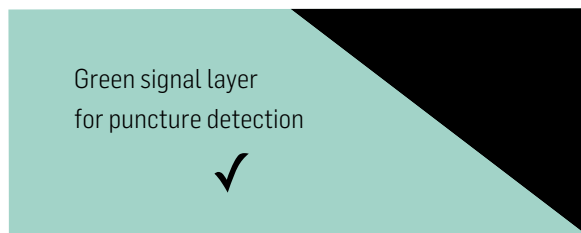
BSL

TUNNEL



FLAGON® BSL is a non-reinforced PVC-P waterproofing membrane made by co-extrusion.

FLAGON® BSL suitable for non-exposed applications, such as bored tunnels, cut-and-cover tunnels and underground structures.



BENEFITS

Installer-friendly

- ✓ High weldability and flexibility
- ✓ Signal layer to identify punctures
- ✓ Can be applied on wet and irregular substrate

Repair-ready

- ✓ Repairable without excavation or destructive procedures
- ✓ Compartmented
- ✓ Embedded injection system

Highly reliable

- ✓ High mechanical resistance
- ✓ Long service life
- ✓ Withstand root perforation and micro-organisms

FEATURES

THICKNESS	1.5 mm	2.0 mm
DIMENSIONS OF THE ROLL	20 x 2,1 m	
ROLLS PER PALLET	23	18



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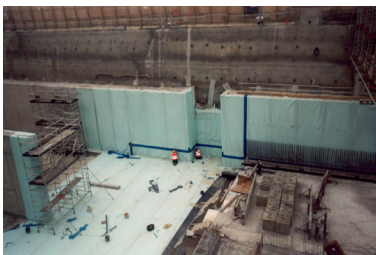


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PROPERTIES	TEST METHOD	RESULTS
Tensile strength (N/mm ²)	EN ISO 527-3 / EN 12311-2	> 15 / > 14
Elongation at break (%)	EN ISO 527-3 / EN 12311-2	> 300 / > 300
Tear strength (N/mm)	ISO 34 sample fig.2	≥ 45
Joint peel resistance (N/50mm)	EN 12316-2	≥ 200
Resistance to static punching (kg)	EN 12730	> 20
Resistance to root perforation	CEN TS 14416	No perforation
Dimensional stability (%)	EN 1107-2	≤ 2
Hydrostatic pressure (6h - 0.5MPa)	EN 1928 (method B)	Waterproof

DISCOVER FLAGON® BSL REFERENCES



- Sydney Metro - Australia
- Little India MRT - Singapore
- Hangzhou Metro - China
- Lisbon Metro - Portugal
- London Metro - United Kingdom
- North-South transmission cable - Singapore
- Warsaw metro - Poland
- Ankara Metro - Turkey
- Istanbul Metro - Turkey
- Toulouse Metro - France
- Prague Metro - Czech Republic
- Sao Paulo Metro - Brazil
- Dublin Metro - Ireland



Find out more on www.soprema.asia or at info@soprema.com.sg