



**SYSTEMARDEX**  
PREMIUM PERFORMANCE

**SHELTERBIT TORCH APPLIED TANKING MEMBRANE SOLUTIONS**

# ARDEX BELOW GROUND TANKING SYSTEMS



Is your current membrane fit for purpose?

Does it meet any New Zealand Building Codes requirements?

Could your current membrane actually be a roofing product?

*Don't put your property at risk!*

Choose ARDEX WPM 195 or ARDEX WPM 196 and be confident you've made the right decision.

## HIGH PERFORMANCE

ARDEX WPM 195 and ARDEX WPM 196 are high performance Styrene-Butadiene-Styrene (SBS) bituminous compounds modified with adhesive elasto-plastomeric polymers. Their excellent quality is highlighted by two indicators: cold flexibility and high adhesiveness. ARDEX WPM 195 and ARDEX WPM 196 are suitable for application in all climatic zones, with excellent cold flexibility (-20° C) enabling easy application making each membrane ideally suitable to be applied in areas with harsh climates.



## TECHNICAL CHARACTERISTICS

CHARACTERISTIC	TEST METHOD	UNITS	NOMINAL VALUES	TOLERANCES
Visible defects	EN 1850-1	visible	Without defects	
Length	EN 1848-1	m	8 -1%	MLV
Width	EN 1848-1	m	1 -1%	MLV
Straightness	EN 1848-1	mm	20 mm x 8 m	MLV
Thickness	EN 1849-1	mm	4	±
Watertightness (A)	EN 1928	kPa	60	MLV
Shear resistance longitudinal / transversal	EN 12317-1	N/50 mm	650 / 450	± 20%
Water vapour transmission proprieties Method A	EN 1931	μ / Sd (m)	120.000 / 480	-20.000
Tensile Strength Longitudinal / Transversal	EN 12311-1	N/50 mm	750 / 550	± 20%
Elongation at break Longitudinal / Transversal	EN 12311-1	%	45 / 45	-15 absolut
Resistance to impact	EN 12691	mm	900	MLV
Resistance to static loading Method A	EN 12730	Kg	15	MLV
Resistance to tearing (nail shank)	EN 12310-1	N	180 / 180	-30%
Dimensional stability Longitudinal / Transversal	EN 1107-1 met. A	%	± 0,3 %	MLV
Flexibility al low temperature	EN 1109	°C	-20	MLV
Flow resistance at elevated temperature	EN 1110	°C	90	MLV
Durability of watertightness against artificial ageing	EN 1296 / EN 1928	Kpa	60	MLV
Durability of watertightness against chemicals	EN 1847 / EN 1928	Kpa	60	MLV



## ARDEX WPM 196 & ARDEX WPM 195

### POSITIVE VAPOUR BARRIERS



- Compliant with BS EN 13969:2004
- European CE certification - GB06/69203
- Excellent resistance to atmosphere agents
- High flexibility during application at sub-zero temperature with no physical strains
- High malleability
- Accommodates structural movements
- Resistant to chemical attacks
- Withstand thermal shocks
- Proven performance in colder regions
- Good elongation and flexibility
- Slate Mineral Chip finish for high adhesion to concrete (ARDEX WPM 196 only)





## ARDEX SUPPORT

### ARDEX SINGAPORE PTE LTD

26 Tuas Avenue, 4 Singapore 639376  
Phone: +65 6861 7700 Fax: +65 6862 3381  
Email: [sales@ardex.com.sg](mailto:sales@ardex.com.sg)  
Web: [www.ardex.com.sg](http://www.ardex.com.sg)

### ARDEX HONG KONG LTD

Unit D, 16/F, CNT Tower,  
No 338 Hennessy Road, Wan Chai, Hong Kong  
Phone: +852 2529 6325 Fax: +852 2529 8615  
Email: [info@ardex.com.hk](mailto:info@ardex.com.hk)  
Web: [www.ardex.com.hk](http://www.ardex.com.hk)

### ARDEX AUSTRALIA PTY LTD

7/20 Powers Road, Seven Hills NSW 2147  
Phone: 1300 788 780 Fax: 1300 780 102  
Email: [technicalservices@ardexaustralia.com](mailto:technicalservices@ardexaustralia.com)  
Web: [www.ardexaustralia.com](http://www.ardexaustralia.com)

### ARDEX NEW ZEALAND LTD

32 Lane Street, Woolston, Christchurch 8241  
Phone: 0800 227 339 Fax: (03) 384 9779  
Email: [info@ardexnz.com](mailto:info@ardexnz.com)  
Web: [www.ardex.co.nz](http://www.ardex.co.nz)

### TOLL FREE TECHNICAL SERVICES

1800 224 070 (Australia) 0800 227 339 (NZ)

