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# ROOT REPELL™

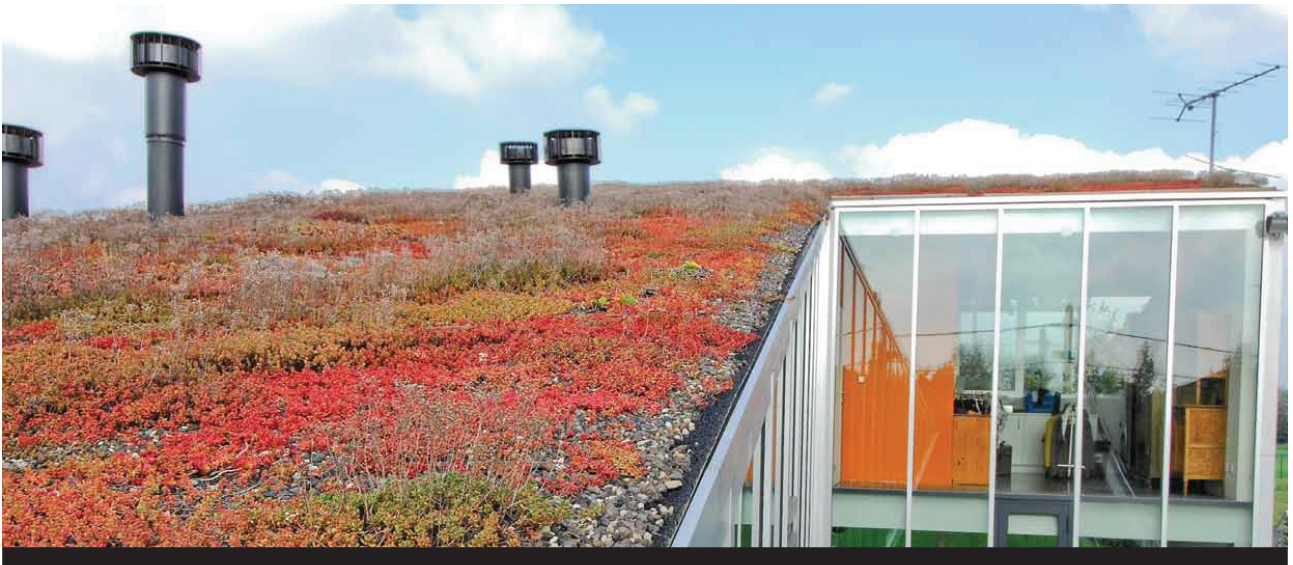
LIVING ROOF SOLUTIONS

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SYSTEMARDEX  
PREMIUM PERFORMANCE





# ROOT REPELL™

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**Flexible single ply waterproofing membrane  
for roof gardens, planter boxes and  
foundation protection.**

This picture shows the use of treated and non-treated membrane in the Lupine Test.  
Note how roots are prevented from passing through the membrane treated with Preventol®  
B2 in the first photo, but pass through the membrane without protection in photo two.

**Membrane with treatment**



**Membrane without treatment**



Laboratory photos courtesy of Lanxess Corporation

ARDEX has manufactured a single ply membrane using butyl based technology that can be hot air welded to provide full waterproofing protection to your building. Additional to this the membrane contains a root inhibitor Preventol® B2 that provides an effective root control to prevent damage to your membrane and your building through root penetration.

Root Repell™ contains the correct concentration of Preventol® B2 to pass the FLL Test. The EN 13948 uses fire thorn only as the test plant. The FLL test is stricter than the EU standard and uses fire thorn and couch grass in the two year test.

Root Repell™ is a unique butyl based waterproofing membrane 1.40 meters wide so is an ideal size for roof work as it can easily be handled by one man. Large roof gardens are quickly installed using a robotic hot air welding machine that can complete a 30 meter length in around 6 minutes. Seams are all the same guaranteed quality with no tapes or huge overlaps.



Contact your local ARDEX Representative regarding your next project if you would like lengths made to fit your building. This eliminates the need for end laps. Clamped outlets manufactured exclusively for ARDEX ensures your roof garden cannot leak rain or irrigation water back into your building.

Preventol® B2 is a registered trademark of Lanxess Corporation



### Product Specification

#### Material

Synthetic rubber sheet with polypropylene filaments both sides.

Gauge	_____	<b>1.5 mm</b>
Colour	_____	<b>Green</b>
Specific Gravity	_____	<b>1.26</b>
Tensile Strength	_____	<b>6.00</b>
300% Modulus (MPA)min	_____	<b>4.00</b>
Water Vapour Transmission	_____	
g/(day.m2)	_____	<b>0.11</b>

### Packaging

Width	_____	<b>1.40m</b>
Length	_____	<b>20.0m</b>
Weight	_____	<b>39kgs</b>





**ARDEX SINGAPORE PTE LTD**

26 Tuas Ave 4 Singapore 639376

**Phone:** +6568617700

**Email:** sales@ardex.com.sg

**Web:** 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

**Email:** info@ardex.com.hk

**Web:** www.ardex.com.hk

**ARDEX AUSTRALIA PTY LTD**

7/20 Powers Road Seven Hills

NSW 2147

**Phone:** 1300 788 780

**Email:** technicalservices@ardexaustralia.com

**Web:** www.ardexaustralia.com

**ARDEX NEW ZEALAND LTD**

32 Lane Street Woolston,

Christchurch 8241

**Phone:** 0800 227 339

**Email:** info@ardexnz.com

**Web:** www.ardex.co.nz