



---

# ARDEX DRS 10 GC

## Prefabricated Draining Protection Membrane

---

Cusped HDPE drainage and protection membrane for use in below-grade applications

Provides effective protection of the waterproofing membrane

Provides effective drainage of sub-surface water

Excellent compressive strength

High resistance to concrete alkali

100% recycled material

---

**ARDEX Australia Pty Ltd**

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

**ARDEX New Zealand Ltd**

15 Alfred Street  
Onehunga, Auckland 1061  
Phone: 0800 227 339  
Fax: (03) 384 9779  
Email: [info@ardexnz.com](mailto:info@ardexnz.com)  
[www.ardex.co.nz](http://www.ardex.co.nz)

# ARDEX DRS 10 GC

## Prefabricated Draining Protection Membrane

### DESCRIPTION

ARDEX DRS 10 GC is a cusped HDPE sheet with a geotextile layer that provides effective drainage and protection against backfill. ARDEX DRS 10 GC provides excellent protection and drainage capabilities and a high compressive strength to resist heavy pressure loads.

The geotextile layer of ARDEX DRS 10 GC effectively protects against backfill materials while allowing water to migrate into the core channel providing consistent ventilation and hydrostatic relief.

### USES

ARDEX DRS 10 GC is used as a protection and drainage membrane against waterproofed below-grade structures such as basement foundations, retaining walls, planters and bridge abutments.

### SURFACE PREPARATION

Ensure the ARDEX waterproofing membrane is installed in accordance with the appropriate product datasheet. Ensure that any damage or sources of damage are repaired or removed.

Ensure that the waterproofing membrane, footing and surrounding areas are cleared of any debris, dust or dirt.

### INSTALLATION

Mark out around the structure where the estimated final grade of the backfill will reach. Starting near the centre of the structure, unroll ARDEX DRS 10 GC with the geotextile facing toward the backfill. Ensure that the membrane is taught and spot fix in place with dabs of ARDEX Bituminous Sealant against the underlying membrane.

Merge adjoining sheets by overlapping them 200 to 300mm and interlocking the cusped dimples. Fix the geotextile overhang by securing with a canvas tape.

Any penetrations should be detailed by cutting the ARDEX DRS 10 GC vertically so that the cut extends 150mm past the penetration, and trimming around so that it fits as tightly as possible. If possible, install adjoining sheets so that there is a 150mm overlap on the penetration.

### STORAGE

ARDEX DRS 10 GC has an indefinite shelf life when stored in good conditions, between 5°C and 30°C. Store rolls horizontally in dry conditions out of direct sunlight. Store away from sources of puncture and physical damage. Store away from ignition sources and open flame.

### TECHNICAL DATA

CHARACTERISTICS	TEST METHOD	UNITS	NOMINAL VALUE	Tolerances
Compression resistance	/	kN/m <sup>2</sup>	250	±5%
HDPE tensile strength	UNI 5819	N/50mm	400	±5%
HDPE Elongation at break	UNI 5819	%	25	±5%
Polyester geotextile tensile strength	UNI 5819	N/50mm	250	±5%
Polyester geotextile elongation at break	UNI 5819	%	50	±5%
Waterproofing values	/	L/m <sup>2</sup> /sec	100	

### COVERAGE

ARDEX DRS 10 GC comes in a roll of 40m<sup>2</sup>.

The actual coverage achieved in practice is affected by installation technique, specifics of building design, and substrate differences.

### PACKAGING

ARDEX DRS 10 GC is packaged in rolls of 20m x 2m x 10mm weighing approximately 31kg.

### PRECAUTIONS

ARDEX DRS 10 GC is non-hazardous in normal usage, however good hygiene practices should be followed. For the latest technical or health and safety information on this product, consult the current product data sheet online at: [www.ardex.co.nz](http://www.ardex.co.nz)

Exercise caution when lifting, moving, transporting, storing or handling membrane rolls to avoid sources of punctures and possible physical damage.

ARDEX DRS 10 GC must be protected from UV and should not left exposed for longer than 28 days.

**Toll Free Technical Services:**  
**1800 224 070 (Australia)**  
**0800 227 339 (New Zealand)**

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable New Zealand & Australian Standards, our instructions and recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

© ARDEX New Zealand Ltd 2018.

All aforementioned products are the trademarks of ARDEX New Zealand Ltd, its licensors and affiliates. This data sheet was issued in August 2018 and is valid for 3 years, in some instances a newer version may be published. Always refer to [www.ardex.co.nz](http://www.ardex.co.nz) for the latest technical data from ARDEX New Zealand Ltd.