

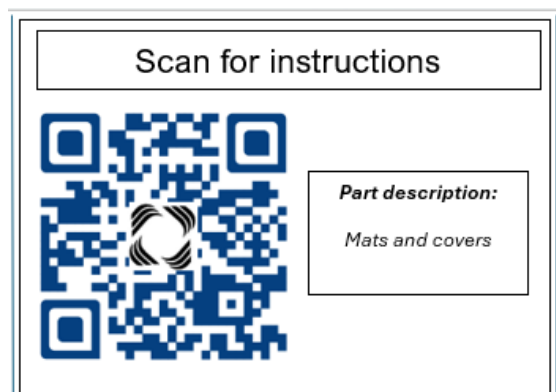
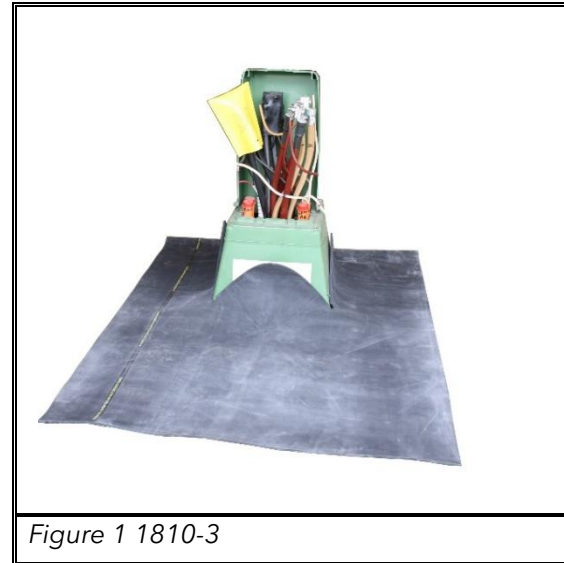
Compiled/Updated	LL
Approved	CD
Issued Date	5-6-26
Amendment	A3

# Product Data Sheet - Ground Mats

*Rubber insulating ground mats help protect electrical contractors during live works.*

### Key Features:

- Compliant with IEC 61111.
- Full range from Class 0 to Class 4, from 1000v to 36kv max use.
- Mats come electrically tested with date stamp.
- Each mat comes with a unique serial number stamped on the mat traceable to a test report available on request.
- Hard wearing and durable EPDM rubber.
- Non-slip cloth finish.



Compiled/Updated	LL
Approved	CD
Issued Date	5-6-26
Amendment	A3

**Part No. Table (A)**

Part No.	Description
1810	CL0 Grnd Mat 1000V 1mx1mx6mm Blck EPDM
1810-1	CL0 Grnd Mat 1000V 1mx1mx6mm Blck EPDM Cut Out
1810-2	CL0 Grnd Mat 1000V 1.2mx1mx6mm Blck EPDM
1810-3	CL0 Grnd Mat 1000V 1.5mx1mx6mm Blck EPDM Slots
1810-4	CL0 Grnd Mat 1000V 900x900x6mm Black EPDM
1811	CL1 Grnd Mat 7kV 1mx1mx6mm Blck EPDM
1812	CL2 Grnd Mat 17kV 1mx1mx6mm Blck EPDM
1812-1	CL2 Grnd Mat 17kV 600mx600mx6mm Blck EPDM
1813	CL3 Grnd Mat 26kV 1mx1mx6mm Blck EPDM
1813-1	CL3 Operator Mat 26kV 600x600x6mm Blck EPDM
1814	CL4 Grnd Mat 36kV 1mx1mx6mm Blck EPDM

**Dimensions and Materials Table (B)**

Product	X	Y	Class	Thickness	Material
1810	1000mm	1000mm	CLASS 0	6mm	Ethylene-Propylene-Diene-Monomer Rubber (EPDM Rubber)
1810-1	1000mm	1000mm			
1810-2	1200mm	1000mm			
1810-3	1500mm	1000mm			
1810-4	900mm	900mm			
1811	1000mm	1000mm	CLASS 1		
1812	1000mm	1000mm	CLASS 2		
1812-1	600mm	600mm			
1813	1000mm	1000mm	CLASS 3		
1813-1	600mm	600mm			
1814	1000mm	1000mm	CLASS 4		

Note: Any dimensions or weights figures are estimates only.

**Markings Table (C)**

Each EPDM Mat is laser etched once along the yellow tape located on the Ground Mat:

Barcode
Electrical Rating
IEC Standard
Date Of Manufacture (DOM)
Lot Number
Test Date

Compiled/Updated	LL
Approved	CD
Issued Date	5-6-26
Amendment	A3



(example only)

**Ratings Table (D)**

1	<b>Shore Durometer Hardness Test</b>	Min: 63 Max: 85 Median: 64	2	<b>IEC 61111</b>	Electrically compliant
3	<b>Testing on 120°C heated rod for 1 hour <sup>(a)</sup></b>	No adverse functional effect on unit			

(a) Results obtained at Balmoral Engineering inhouse test lab for reference

*Disclaimer: BALMORAL ENGINEERING, ROTAMARKA, TIGER TAILS and BIRDFLAPPA are trademarks owned by Balmoral Engineering Pty Ltd. The information in this document or product specification is believed to be correct as of the date of issue and is subject to change without notice. This document should be read in conjunction with the applicable Instructions For Use (IFU) document. Data within Balmoral Engineering Product Data Sheet (PDS) may be subject to tolerances. These tolerances will be defined within the applicable PDS or made available on request. Results and output data in this data sheet are indicative of lab testing protocols and may vary in field applications or environments. BALMORAL ENGINEERING makes no guarantees, expressed or implied as to the merchantability or fitness for purpose. The products are only to be used and installed by industry certified personnel. If applicable, maximum test speeds should be endured by the Products for a limited time period no greater than those described in the lab protocols. Imperial system units of measure are approximations only and have been converted from the data originally recorded in the metric system. Performance of the device in extreme weather events or harsh environments is not warranted. If BALMORAL ENGINEERING sells any component of a product or kit, we make no representations or guarantees as to the serviceability of the actual product or kit into which the component is being added. Furthermore, it is recommended that any such addition to the kit is done by BALMORAL ENGINEERING. In relation to the Balmoral Engineering Visual Warning series of products, it should be noted that not all visual responses to the device are going to be similar or alike. As such, no guarantees can be given as to the products effectiveness. Given the variety of factors that can affect the use and application of a product, some of which are within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for the user's method of use or application. The purpose of this document is to provide a description of the product and/or guidance to the installation thereof. When installing Balmoral Engineering products, due consideration must be given to the user's training and practice methodologies including any requirements of the entity who owns the infrastructure onto which the BALMORAL ENGINEERING Product is being installed. This must take precedence over any guidance BALMORAL ENGINEERING may provide. Notwithstanding, that all the above guidelines are followed, the ultimate responsibility for installing and maintaining the product correctly is with the end user. BALMORAL ENGINEERING accepts no liability for consequential damage relating to wildfires or bushfires particularly in regard to incorrect installation. As service environments may differ markedly with each application, the level of care required may change and is solely the responsibility of the end user. Any product images displayed are representative only. The above data sheet is provided as an estimate of performance and life and is not a guarantee or warranty. © 2026, All Rights Reserved, Balmoral Engineering Pty Ltd.*