



THORNE &  
DERRICK  
INTERNATIONAL

Thorne & Derrick  
+44 (0) 191 410 4292  
www.powerandcables.com

Item Code:

SM570-01

Item Description:

Fine Ribbed Black EPDM Rubber Matting to IEC61111-2009 Class 1

**SM570-01 Fine Ribbed Rubber Matting to IEC61111-2009 Class 1**, is a high quality electrical safety matting fully tested to **7,500 volts** working voltage with regulation standard stamped on reverse of roll at 1000mm intervals.

Maximum safety working voltage of 7,500v.

It has a fine ribbed, anti-slip surface pattern on one side and a cloth impression finish on the reverse.

#### Class 1

**Withstand Test:- 10kv - No Electrical Puncture**

**Proof Test : - 10 KV**

**Working Voltage : - 7.5 KV**

**Thickness 3mm**

- Fully tested to specification
- Health & Safety regulation material
- Fully traceable supply
- Regulatory branding on reverse
- Anti-slip finish
- Low maintenance
- Available 0.91m , 1.0m and 1.2m wide rolls
- THIS GRADE DOES NOT CONTAIN RECYCLED RUBBER

**This Product is REACH, RoHS, PAH and CE Compliant** Due to the very high quality of METROSEAL raw materials the need for additional thickness is not necessary. The IEC:61111 specification only states 'maximum' thickness with minimum thickness being determined by suppliers ability to pass the correct tests defined in Clause 5 of specification. The above materials do so with the 'integral' layflat quality of the rubber compounds use not impaired in any way.

In addition to the above our thinner grades present less of a trip hazard when laid offering additional safety to operators. Standard finishes on this type is FINE RIBBED [corrugated] one side with an anti-creep impression on reverse.

#### MARKINGS

The example marking on the underside of the mat will consist of a tag denoting details as right:

The brand shall be placed at 1000mm intervals along length of rolls.

The brand shall be colour coded as per IEC:61111:2009 guidelines

Class 'O' - RED , Class '1' - WHITE, Class '2' - YELLOW, Class '3' - GREEN, Class '4' - ORANGE

**Cut lengths available to order.**

#### Technical Information

Application

Electrical Safety, General Purpose, Health & Safety



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Other sizes and colours to special order.

Cut lengths to order.

All recommendations and information contained in this specification sheet are to the best of our knowledge correct. Since conditions of service are beyond our control, users must satisfy themselves that the products are suitable for the intended use. No warranty is given or implied in respect of information or recommendations or that any use of products will infringe rights belonging to other parties. In any event or occurrence our liability is limited to the invoice value of our goods delivered to you. We reserve the right to change product design and properties without notice.



Stock Roll Sizes	Weight	Specifications	Values
[m x m x mm]	[kg/M2]	[compound]	[typical]
		Colour:	Black
		Compound:	EPDM
		Hardness [shore A]:	65°
		Proof Test	10 KV for 3 Minutes
		Withstand Test	20 KV NO ELECTRICAL PUNCTURE
		Working Voltage	7,5 KV
		Thickness	3mm