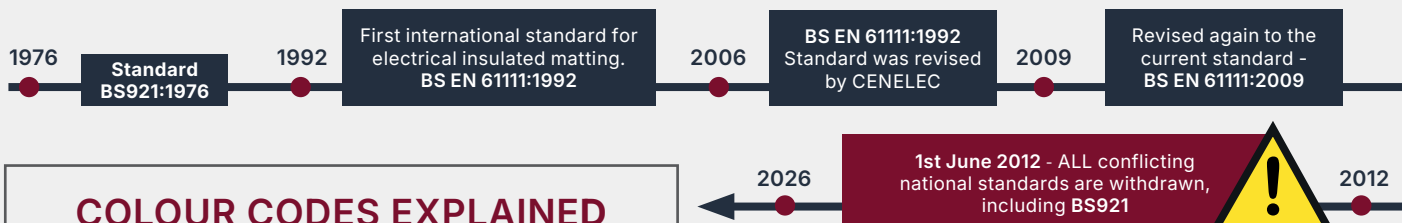


GUIDE TO BS EN 61111:2009



COLOUR CODES EXPLAINED

A new feature of the BS EN 61111 is that all classes are colour coded on **EVERY RUNNING METRE** on the underside.

BS EN 61111:2009 Class '0' CE 08/2013

BS EN 61111:2009 Class '1' CE 08/2013

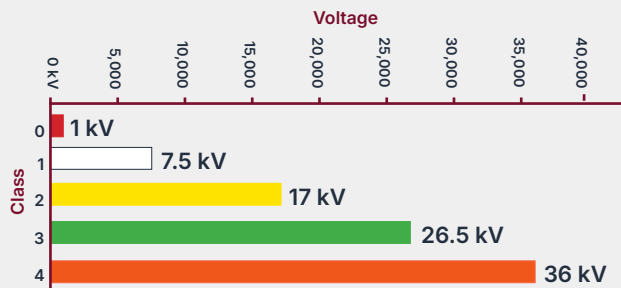
BS EN 61111:2009 Class '2' CE 08/2013

BS EN 61111:2009 Class '3' CE 08/2013

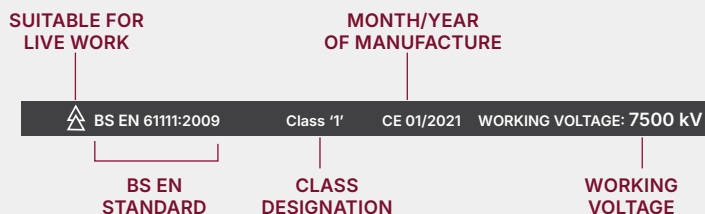
BS EN 61111:2009 Class '4' CE 08/2013

MAXIMUM WORKING VOLTAGE

The BS EN standard offers a class selection system from **1,000V to 36,000V** for end users to select the correct product to protect themselves against the possible working voltages they may be exposed to.



MARKINGS



ELECTRICAL TESTING EXPLAINED

PROOF TEST

5 kV 10 kV 20 kV 30 kV 40 kV

BS EN 61111:2009

CLASS '0' CLASS '1' CLASS '2' CLASS '3' CLASS '4'

A dielectrical resistance test is carried out on **EVERY RUNNING METRE** of matting for a set time, to ensure a standard conformity of resistance throughout the entire area of the product.



WITHSTAND TEST

50 kV 40 kV 30 kV 20 kV 10 kV

Every batch manufactured is tested to **specific high voltages**, to ensure the matting does not break down.

These tests should not be confused with the **working voltages** above.



MATERIAL TEST

