



Date (tbc)

FI-094

Question:

Std: NZS 4512:2003 Fire detection and alarm systems in buildings, Appendix D4.1

Interpretation:

Issued by the Alarms and Detection Group

This clause requires the screws used in terminal blocks to be made of non-ferrous materials. The dictionary definition of 'ferrous metals' include steel.

Yes, corrosion-protected ferrous screws are acceptable in terminal blocks as long as the screw does not come into direct contact with the electrical conductor and does not exhibit significant rusting or deterioration following the corrosion test of D7.6

Is the use of a corrosion-resistant non-ferrous coating (such as zinc) over steel acceptable for the terminal block screws?