

SPECIFICATION FOR STEEL SURFACE CABLE TRUNKING AND ACCESSORIES

AMENDMENT NO.1

October 1997

1. Page 6, Clause 5 Classification

- (a) *Delete* the example for Class 1 and *substitute* as follows :

Example : Electroplated zinc having a minimum thickness of zinc coating of 0.0012 mm and with additional coating of stoved enamelled or air-drying paint or epoxy powder coating applied both inside and outside.

- (b) *Delete* the example for Class 2 and *substitute* as follows :

Example : Hot-dipped zinc coated steel with a minimum coating designation of G275* and with additional coating of stoved enamelled or air-drying paint or epoxy powder coating applied both inside and outside.

* G275 (Galvanised mass of coating 275 g/m² including both sides)

2. Page 7, Subclause 7.3

Insert the following at the end of the existing text :

Except in the case where trunking is manufactured using two smaller trunkings attached together with a common cover, the following test shall be made to establish the security of fixing for partitions or dividers.

Three samples of trunking each 2 m long shall be securely fixed to a vertical surface, e.g. steel channel attached to a brick wall, in a horizontal plane in accordance with the manufacturer's instructions. Each divider or partition shall be subjected to an evenly distributed load of 0.13 kg per square centimetre of compartment cross-sectional area per metre length. The load shall consist of bare copper conductors of 2.5 mm² cross section. The load shall be applied for a period of 2 h, after which there shall be no detachment of the divider or partition from the trunking at its fixing point. Any permanent deflection of the divider or partition shall be ignored. Where a fold in the divider or partition is made to facilitate attachment, the test shall be repeated on new samples, with the deflection being made both towards the fold and away from the fold.

3. Page 7, Subclause 8.1

In line 1, *delete* 'gauges' and *substitute* 'thickness'.

4. Page 8, Table I - Sizes, body and cover gauges and preferred lengths of trunking

Delete the existing table and *substitute* the following :

TABLE I
SIZES, BODY AND COVER THICKNESS AND PREFERRED LENGTHS

Nominal size (external) (mm)	Nominal thickness of body material (mm)	Nominal thickness of cover material (mm)
50 x 25	1.0	1.0
50 x 50	1.0	1.0
75 x 50	1.2	1.2
100 x 50	1.2	1.2
100 x 75	1.2	1.2
100 x 100	1.4	1.2
125 x 50	1.4	1.2
150 x 50	1.4	1.2
150 x 75	1.4	1.2
150 x 100	1.4	1.2
150 x 150	1.4	1.2
175 x 50	1.4	1.2
200 x 50	1.6	1.4
200 x 75	1.6	1.4
200 x 100	1.6	1.4
200 x 150	1.6	1.4
225 x 50	1.6	1.4
250 x 50	1.6	1.4
275 x 50	1.6	1.4
300 x 50	1.6	1.6
300 x 75	1.6	1.6
300 x 100	1.6	1.6
300 x 150	1.6	1.6
300 x 300	1.6	1.6
350 x 50	1.6	1.6
375 x 75	1.6	1.6

Preferred length 3 m, minimum 2 m, maximum 3 m
Partition or devices, nominal thickness 1.0 mm (for depth of 75 mm and below)
1.2 mm (for depth greater than 75 mm)
Tolerance on nominal thickness is $\pm 7.5\%$

5. Page 9, Table II - Tolerances on nominal values

Delete the existing table and *substitute* the following :

TABLE II
TOLERANCES ON NOMINAL VALUES

Nominal value (mm)	Tolerance (mm)
25	+1.5)
50	+2.5)
75	+4.0)
100	+5.0)
125	+6.5)
150	+7.5)
175	+7.5)
200	+8.0) - 0.0
225	+9.0)
250	+9.0)
275	+9.0)
300	+10)
325	+10)
350	+10)
375	+10)

6. **Page 9, Subclause 10.2**

Delete '0.25 Ω ' and *substitute* '0.005 Ω /m'.

7. **Page 10, Clause A.3 Test for resistance to corrosion**

(a) *Delete* 'medium'.

(b) *Delete* 'SS 5 : 1970, Part 32 - Resistance to continuous salt spray test' and *substitute* 'SS 5 : Part G1 : 1989 - Determination of resistance to continuous neutral salt spray'.

(c) *Delete* '96h' and *substitute* '48h'.

Insert at the end of the paragraph 'The paint thickness and the type of steel of the trunking test are to be given in the test result'.

8. **Page 10, Clause A.4 Test for resistance to scratches**

Delete 'SS 5 : 1970, Part 13 - Scratch Resistance Test' and *substitute* 'SS 5 : Part F2 : 1988 - Scratch test'.

9. **Page 10, Clause A.5 Test for determining the coating weight**

(a) *Delete* 'BS 2989 : 1975, Appendix A - Test for determining the coating weight of hot-dip zinc coated and iron-zinc alloy steel sheet or coil' and *substitute* 'SS 117 : 1975 Appendix A - Determination of the mass per unit area of hot dip galvanised coatings on ferrous materials by chemical dissolution of the coating'.

Singapore Standard SS 249 : 1981

- (b) *Insert* at the end of the paragraph 'The paint thickness and the type of steel of the trunking test are to be given in the test result'.