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SOUTH AFRICAN NATIONAL STANDARD

Metal ties for cavity walls

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Table of changes

Change No.	Date	Scope
Amdt 1	2010	Amended to change the designation of SABS standards to SANS standards, to modify requirements for copper content, to delete the note to the subclause on chromium and nickel contents, and to update referenced standards.

Foreword

This South African standard was approved by National Committee SABS TC 59, *Construction standards*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This document was published in February 2010.

This document supersedes SABS 28:1986 (edition 4).

A vertical line in the margin shows where the text has been technically modified by amendment No. 1.

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Metal ties for cavity walls

1 Scope

1.1 This specification covers the dimensional and material requirements of metal ties suitable for walls having cavity widths of up to the largest likely to be found in masonry walling constructed to dimensionally co-ordinated sizes.

NOTE

- a) The standards referred to in the specification are listed in appendix A.
- b) Requirements that must be specified by the purchaser are listed in appendix B.
- c) Guidance on the verification of the quality of metal wall ties produced to this specification is given in appendix C.
- d) Guidance on the selection and use of metal wall ties is given in appendix D.

2 Requirements

2.1 Type

The wall ties shall be of one of the following types:

- a) Butterfly (see table 1);
- b) Modified P.W.D. (see table 2);
- c) Single wire (see table 3);
- d) Double triangle (see table 4);
- e) Vertical twist (see table 5);
- f) Flat twisted (see table 6).

NOTE A flat twisted wall tie is manufactured from stainless steel only.