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Scaffolding

Part 7: Safe use of encapsulation on scaffolding



AS 1576.7 (Int):2021

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The following are represented on Committee BD-036:

- Australian Aluminium Council
- Australian Chamber of Commerce and Industry
- Australian Council of Trade Unions (ACTU)
- Australian Industry Group
- Australian Steel Institute
- Better Regulation Division (Fair Trading, Safework NSW, Testsafe)
- Engineered Wood Products Association of Australasia
- Engineers Australia
- Hire and Rental Industry Association of Australia
- Housing Industry Association
- Master Builders Australia
- Victorian WorkCover Authority (WorkSafe Victoria)
- Workplace Health and Safety Queensland

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Preface

This Interim Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee BD-036, Scaffolding, as a new Part 7 in the AS 1576 series.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this document as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this document is to provide requirements and test methods for encapsulation and containment products for attachment to scaffolding.

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Attention is drawn to the fact that this document is an Interim Standard and should be regarded as a developmental Standard and liable to future alteration.

This document will have a currency of two years from its date of publication. At the conclusion of that period it will be superseded by another Standard, confirmed as an Interim Standard in its present form for a further one year period or withdrawn.

The terms “normative” and “informative” are used in Standards to define the application of the appendices to which they apply. A “normative” appendix is an integral part of a Standard, whereas an “informative” appendix is only for information and guidance.

This document includes a commentary on some of the clauses. The commentary directly follows the relevant clause, is designated by “C” preceding the clause number and is printed in italics in a box. The commentary is for information and guidance and does not form part of the document.

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NOTES

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Section 1 Scope and general

1.1 Scope

This document specifies requirements and test methods for encapsulation and containment products for attachment to scaffolding to provide products that are suitable for the intended application, including fire hazard properties, strength properties and fixing requirements.

This document also specifies installation procedures for various types of encapsulation.

The control of risk of personnel falling from scaffolding is not the function of encapsulation and not included in this document.

This document does not apply to encapsulation or containment attached to perimeter protection screens, to containment nets fixed below perimeter protection screens or to advertising banners attached to a scaffold on the outside of encapsulation.

Colour fastness is not a requirement of this document.

Plywood attached to scaffolding for insulation purposes from adjacent power lines does not provide encapsulation within the context of this document.

1.2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document:

AS 1530.2, *Methods for fire tests on building materials, components and structures, Part 2: Test for flammability of materials*

AS ISO/IEC 17025, *General requirements for the competence of testing and calibration laboratories*

AS/NZS 1170.2, *Structural design actions, Part 2: Wind actions*

AS/NZS 1576.1, *Scaffolding, Part 1: General requirements*

1.3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

1.3.1

containment netting

knitted or woven fabric such as shade cloth intended to retain small objects and debris preventing them from falling

1.3.2

containment sheeting

flexible sheeting that encloses a scaffold to retain objects or particles within the scaffold

Note 1 to entry: Containment sheeting is a form of encapsulation.