

## INDEX

## GENERAL

**GEN 001 Getting help (Sept 05 – Amdt Oct 11)**

Summarises the ways in which NATSPEC provides help to specification writers.

**GEN 002 NATSPEC's use of standards (Oct 07)**

Discusses use of Australian and other standards in specification writing.

**GEN 003 Multiple contracts and 'work by others' (Oct 08)**

Suggests ways in which NATSPEC can be used for projects procured using multiple contracts, also called packaged contracts or multiple prime contracts.

**GEN 005 Specifications (Jul 07)**

Discusses the roles, forms and importance of specifications.

**GEN 006 Product specifying and substitution (Oct 07 – Amdt Apr 10)**

Reviews generic and proprietary specification and NATSPEC's procedure for substitution of specified products.

**GEN 007 NATSPEC updates and office master specifications (Dec 07)**

Offers updating strategies relating to NATSPEC information.

**GEN 008 Branded versus generic worksections (Jul 08)**

Defines both types of worksection and outlines their advantages.

**GEN 009 Hold points and witness points (Apr 09 – Amdt Oct 10)**

Defines hold points and witness points and explains their contractual implications in the context of both NATSPEC and AUS-SPEC worksections.

**GEN 010 Mechanical commissioning strategies (Oct 09)**

Discusses alternative mechanical balancing and commissioning strategies which have a significant impact on the performance of mechanical services.

**GEN 011 Specifying BCA requirements (Apr 10)**

Discusses specifying BCA compliance based on deemed-to-satisfy provisions or by using an alternative solution.

**GEN 012 Door hardware scheduling (Oct 10 – Amdt Apr 11)**

Outlines the two alternative approaches to specifying door hardware provided for in SELECTIONS in NATSPEC's 0455 *Door hardware* worksection.

## DESIGN

**DES 001 Slip resistance (Oct 05 – Amdt Apr 11)**

Raises awareness of the design and documentation requirements for optimising slip resistance of pedestrian surface materials.

**DES 002 Moisture content in timber floors (Dec 05 – Amdt Oct 10)**

Addresses the ways in which the natural movement of timber floors can be accommodated.

**DES 003 Fire hazard properties of insulation materials (Jun 06 – Amdt Oct 11)**

Addresses the fire hazard properties of insulation materials as dealt with in both the BCA and in NATSPEC.

**DES 004 Air, moisture and condensation (Sept 05 – Amdt Apr 11)**

Outlines the factors that affect the selection and detailing of vapour barriers in buildings.

**DES 005 Preventing condensation on ducts and air handling plant (Dec 05 – Amdt Apr 11)**

Addresses the use of insulation to prevent condensation on ducts and air handling plant.

**DES 006 Specifying concrete (Jul 07 – Amdt Apr 11)**

Outlines the factors affecting the performance of concrete and how to specify it.

**DES 007 Static control floors (May 07)**

Discusses electrostatic charges and the basic types of static control floors.

**DES 008 Preparation of concrete substrates (Oct 06)**

Discusses preparation of concrete substrates for secondary finishes.

**DES 009 Limit states design (Apr 07 – Amdt Apr 11)**

Introduces this method for designing and evaluating structures, and for unifying structural codes and standards.

## INTRODUCTION

This is an index, with abstracts, of NATSPEC TECHnotes which are currently available. TECHnotes are brief documents giving information on topics of interest to the design and construction industry.

## CLASSIFICATION

Based on the classification system used for the Australian Institute of Architects (AIA)

Environmental Design Guide, TECHnotes are grouped into three categories:

- General (GEN).
- Design (DES).
- Products (PRO).

## AVAILABILITY

TECHnotes are available as follows:

- All TECHnotes, available at time of issue, are downloadable from **SPECbuilder Live** under Reference material and provided on Subscriber CDs in the Acrobat documents section.
- Current TECHnotes are placed in the Subscriber Access section of the NATSPEC website [www.natspec.com.au](http://www.natspec.com.au)
- Selected TECHnotes are distributed with SPECnotes.
- Selected TECHnotes are provided to the Australian Institute of Architects with a page of related questions and answers for their Continuing Education (CE) program.

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**DES 010 Atmospheric corrosivity categories for ferrous products (Oct 09 – Amdt Oct 11)**

Recommends a method for specifying atmospheric corrosion protection systems or products by referring to standards and the Corrosion Mapping System.

**DES 011 Rainwater harvesting (May 07)**

Suggests ways in which a NATSPEC based specification can be used to specify a rainwater harvesting system.

**DES 012 Using NATSPEC to specify BMS, Building IT and Controls (Apr 06 – Amdt Oct 11)**

Summarises the NATSPEC worksections relating to Building Management Systems, Building IT and Automatic controls and suggestions for their use.

**DES 013 BCA Energy efficiency protocol and software for housing (May 07 – Amdt Apr 11)**

Discusses rating software and tools to demonstrate compliance with the BCA.

**DES 014 Voluntary environmental rating schemes for buildings (May 07 – Amdt Oct 11)**

Outlines the national voluntary energy efficiency schemes.

**DES 015 BCA - NCC Volume One Energy efficiency provisions (May 07 – Amdt Apr 11)**

Outlines BCA energy efficiency provisions for Class 2-9 buildings.

**DES 016 BCA - NCC Volume Two Energy efficiency provisions (May 07 – Amdt Apr 11)**

Outlines BCA energy efficiency provisions for Class 1 and Class 10a buildings.

**DES 017 Selection of sealants (Oct 06 – Amdt Oct 08)**

Summarises sealant types and their use for different applications.

**DES 018 Bushfire protection (Oct 08 – Amdt Apr 11)**

Summarises the factors influencing bushfires and the planning, construction and maintenance requirements for bushfire protection.

**DES 019 Pipe support spacing (Apr 09 – Amdt Apr 11)**

Tabulates the pipe support spacings nominated by several Australian standards. It covers pipes of various materials and diameters, and carrying a range of liquids and gases.

**DES 020 Fire behaviour of building materials and assemblies (Apr 11)**

Provides guidance on the BCA's classification of the fire behaviour of building materials and assemblies and how the use of different classes of buildings influences classification.

**DES 022 Microbial control (Oct 10 – Amdt Apr 11)**

Discusses the requirement for microbial control in building services and how this is dealt with in NATSPEC.

**DES 023 Mechanical services pipe and vessel insulation (Oct 10)**

Addresses the selection of appropriate levels of insulation for piping, vessels and heat exchangers with curved surfaces.

**DES 024 Water sensitive urban design (WSUD) (Oct 10)**

Outlines the objectives and application of water sensitive urban design principles and suggests where they can be implemented in AUS-SPEC.

**DES 025 Mechanical design and install HVAC checklist (Apr 11)**

Provides a checklist intended to assist the architect or building designer in the assessment of proposals for the design and installation of HVAC systems.

**PRODUCTS****PRO 001 CCA (copper chrome arsenate) treated timber (Oct 05 – Amdt Apr 11)**

Discusses the issues and alternatives to this form of timber treatment.

**PRO 002 Mineral wool (Jun 06)**

Discusses the manufacture, properties and safety issues related to the use of mineral wool.