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GENERAL

GEN 001 Getting help (Sept 05 – Amdt Oct 09)

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)

Suggests how information provided in **Selections** schedules can be used by a door hardware specialist to prepare a detailed door-by-door hardware schedule.

DESIGN

DES 001 Slip resistance (Oct 05 – Amdt Jul 09)

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 Apr 09)

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 Oct 10)

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 10)

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

DES 006 Specifying concrete (Jul 07)

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)

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 Built Environment Design Professions (BEDP) 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
- 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 Apr 10)

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)

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 10)

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

DES 014 Voluntary environmental rating schemes for buildings (May 07 – Amdt Apr 10)

Outlines the national voluntary energy efficiency schemes.

DES 015 BCA Volume One Energy efficiency provisions (May 07 – Amdt Apr 10)

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

DES 016 BCA Volume Two Energy efficiency provisions (May 07 – Amdt Apr 10)

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 Oct 10)

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

DES 019 Pipe support spacing (Apr 09)

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 022 Microbial control (Oct 10)

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.

PRODUCTS**PRO 001 CCA (copper chrome arsenate) treated timber (Oct 05 – Amdt Dec 09)**

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.