

0436P REVOLUTION ROOFING WALL CLADDING

Branded worksection

This branded worksection *Template* has been developed by NATSPEC in conjunction with **Revolution Roofing** (the Product Partner) and may be used whilst the Product Partner is licensed to distribute it. The copyright remains with NATSPEC. As with all NATSPEC worksections, it is the responsibility of the user to make sure it is completed appropriately for the project. The user should also review its applicability for local conditions and regulations. Check www.natspec.com.au for the latest updated version.

Worksection abstract

This branded worksection *Template* is applicable to lightweight external wall cladding of Revolution Roofing profiled and seamed sheet metal products.

Guidance text

All text within these boxes is provided as guidance for developing this worksection and should not form part of the final specification. This *Guidance* text may be hidden or deleted from the document using the hidden text *Hide* and *Delete* functions of your word processing system. For additional information visit FAQs at www.natspec.com.au.

Optional style text

Text in this font (blue with a grey background) covers items specified less frequently. It is provided for incorporation into *Normal* style text where it is applicable to a project.

Related material located elsewhere in NATSPEC

If a listed worksection is not part of your subscription package and you wish to purchase it, contact NATSPEC.

Related material may be found in other worksections. See for example:

- 0342 *Light steel framing* for subframing.
- 0382 *Light timber framing* for subframing.
- 0423p *REVOLUTION ROOFING in profiled sheet metal*.
- 0432 *Curtain walls*.
- 0433 *Stone cladding*.
- 0434 *Cladding – flat sheets and panels*.
- 0435 *Cladding – planks and weatherboards*.
- 0471 *Thermal insulation and pliable membranes* for wall insulation, thermal break strips and vapour permeable barriers.
- 0511 *Lining* for internal lightweight linings.
- 0531 *Suspended ceilings – combined* for suspended soffits.

Documenting this and related work

You may document this and related work as follows:

- Check if your cladding is required to be non-combustible, refer to BCA Section C and ABCB Advisory Note 3. Consider adding a requirement in **SUBMISSIONS** for evidence of conformance from the contractor. If using a performance solution for facade cladding, type testing to AS 5113 may be used as the verification method for combustible external walls.
- For proprietary cladding systems, import information from suppliers.
- Document the structural support system to your office documentation policy.
- Document bushfire protection requirements to conform to AS 3959 and the NCC. See NATSPEC TECHnote DES 018 for information on bushfire protection.
- Check lead time for imported selections and consider adding a requirement, in **SUBMISSIONS**, for the builder to confirm availability.

The *Normal* style text of this worksection may refer to items as being documented elsewhere in the contract documentation. Make sure they are documented.

Specifying ESD

The following may be specified by including additional text:

- Metal cladding manufactured from recycled metal and/or is recyclable.
- Metal cladding finished with low VOC or non-VOC finish.

Refer to the NATSPEC TECHreport TR 01 on specifying ESD.

1 GENERAL

1.1 RESPONSIBILITIES

Revolution Roofing provides a range of steel roofing, walling and building products for the Australian domestic, commercial and industrial building industry. Using only BlueScope and Colorbond steel, our products are further backed by our extensive range of guarantees.

Since the opening of Revolution Roofing, our range has grown to include all the latest roofing profiles, gutters, fascias, ridge cappings, valleys, flashings, verandahs and even a customised sheet metal fabrication department.

We are working with building professionals to further develop new and unique roofing and walling products, which is evident in our latest release of the exclusive True Oak series of profiles.

General

Requirement: Provide Revolution interlocking wall cladding panels and associated work, as documented.

Documented is defined in 0171 General requirements as meaning contained in the contract documents.

Location exposure severity

Exposure severity determines the grade of COLORBOND® steel and ZINCALUME® steel. Refer to BlueScope TB-01B guide on selecting steel cladding products.

Exposure severity category: [complete/delete]

Exposure severity category: The approximate distance from marine influence. Select from the following:

- Benign: > 1000 m from breaking surf/exposed marine or > 1000 m from calm marine.
- Moderate: 401 to 1000 m from breaking surf/exposed marine or 201 to 1000 m from calm marine.
- Marine: 201 to 400 m from breaking surf/exposed marine or 101 to 200 m from calm marine.
- Severe marine: 101 to 200 m from breaking surf/exposed marine or 0 to 100 m from calm marine.
- Very severe marine: 0 to 100 m from breaking surf/exposed marine.

For organic coating used in sheet steel, there are additional corrosivity categories. Add, if appropriate. They are:

- Tropical inland - North Queensland, Northern Territory, North-West Western Australia, Papua New Guinea and the Pacific Islands, except where affected by salinity, and
- Very high - offshore and beach front locations and aggressive industrial environments where pH may be less than 5.

Refer to 0171 General requirements for the designation of the Exterior atmospheric corrosivity category of the project.

1.2 COMPANY CONTACTS

Revolution Roofing technical contacts

Website: www.revolutionroofing.com.au.

1.3 CROSS REFERENCES

General

Requirement: Conform to the following:

- 0171 General requirements.

0171 General requirements contains umbrella requirements for all building and services worksections.

List the worksections cross referenced by this worksection. 0171 General requirements references the 018 Common requirements subgroup of worksections. It is not necessary to repeat them here. However, you may also wish to direct the contractor to other worksections where there may be work that is closely associated with this work.

NATSPEC uses generic worksection titles, whether or not there are branded equivalents. If you use a branded worksection, change the cross reference here.

1.4 MANUFACTURER'S DOCUMENTS

Technical manuals

EuroPlus product data sheets: www.revolutionroofing.com.au/europlus-series.

Maxline product data sheets: www.revolutionroofing.com.au/products/ranges/maxline/

1.5 TOLERANCES

Permitted deviations

Profiled metal sheet cladding: To AS 1562.1 clause 4.2.3.

Maxline 340

Length: ± 7 mm.

Width: ± 4 mm.

1.6 SUBMISSIONS**Products and materials**

Type tests: As appropriate for the project, submit evidence of conformity to the following:

- Metal cladding generally: Cladding and fastenings to AS 1562.1 clause 5.5 for resistance to wind pressures.
- Metal cladding in cyclonic regions to AS/NZS 1170.2: Cladding and fastenings to AS 1562.1 clause 5.6.

Type tests are carried out off-site. However, submission of evidence of a successful type test may be called up here for requirements specified in **SELECTIONS** or **PRODUCTS**, if there are no **SELECTIONS**.

Samples

Approved samples are retained on site and define the acceptable limits of colour and texture variation.

Finish: Submit samples of the cladding materials.

Subcontractors

General: Submit names and contact details of proposed suppliers and installers.

Evidence of experience: [complete/delete]

e.g. Check conditions of warranty for panels selected. Delete if supplier/installer details are not required.

Seamed sheet metal cladding: Submit evidence of experience with non-ferrous cladding installation.

Check conditions of warranty.

Warranties

Requirement: Submit the following:

- [complete/delete]

Describe the requirements of warranties in **PRODUCTS** or **EXECUTION**, as appropriate, and list the submissions required here. e.g. Interlocking warranty for sealant type and application.

Cladding materials: Submit the manufacturer's published product warranties.

1.7 INSPECTION**Notice**

Inspection: Give notice so that inspection may be made of the following:

- Framing, sarking, vapour barrier and insulation before covering up or concealing.

Amend to suit the project, adding critical stage inspections required.

Hold points, if required, should be inserted here.

2 PRODUCTS**2.1 GENERAL****Product substitution**Other products: Conform to **PRODUCTS, GENERAL, Substitutions** in 0171 General requirements.

The 0171 General requirements clause sets out the submissions required if the contractor proposes alternative products. Refer also to NATSPEC TECHnote GEN 006 for more information on proprietary specification.

Storage and handling

Requirement: Store and handle materials to the manufacturer's recommendations and the following:

- Protect materials including edges and surfaces from damage.
- Do not drag sheets across each other or over other materials.
- Store metal materials away from uncured concrete and masonry on a level base.
- Do not store metal materials in contact with other materials which may cause staining, denting or other surface damage.
- Use gloves when handling precoated metal cladding material.

Product identification

General: Marked to show the following:

- Manufacturer's identification.
- Product brand name.
- Product type.
- Quantity.
- Product reference code and batch number.
- Date of manufacture.

Edit the list to suit the project or delete if not required.

Components

Fasteners: Type, size, corrosion resistance class and spacing to the cladding manufacturer's recommendations.

Flashings: To AS/NZS 2904.

Coordinate with 0423p REVOLUTION ROOFING in profiled sheet metal.

2.2 PROFILED SHEET METAL**General**

Requirement: Proprietary profiled sheet metal cladding.

Design and installation: To AS 1562.1.

Testing for wind resistance in cyclone regions: To AS 4040.3.

Selection: To **REVOLUTION PROFILED SHEET WALL CLADDING PANELS**.

2.3 SEAMED SHEET METAL**General**

Requirement: Sheet metal roll formed into pan profiles, laid with seamed joints on flush finished, continuous plywood sheeting over an underlayer and a separation layer.

Selection: To **REVOLUTION SEAMED SHEET WALL CLADDING PANELS**.

Plywood sheeting

Standard: To AS/NZS 2269.0:

- Surface grade: DD.

AS/NZS 2269.0 defines five veneer qualities A, S, C and D, the lowest grade.

- Bond: Type A.
- Formaldehyde emission class: E₁.

Super E₀ and E₀ class may be available at additional cost and lead time. A formaldehyde emission class E₁ or less can improve indoor air quality.

Thickness: 19 mm.

Identification: Sheets labelled under the authority of a recognised certification scheme to 0185 Timber products, finishes and treatment.

Nominate the relevant certification schemes in 0185 Timber products, finishes and treatment.

Underlayer

Requirement: Self-adhesive, rubberised asphalt/polyethylene waterproofing membrane.

Separation layer

Requirement: Fire-resisting mat of a nylon core of fused entangled filaments.

Accessories

Solder (tin/lead): 40/60 soft solder.

Flux: Z-04-S.

Sealant: 100% natural cure non-acid based silicone rubber to match cladding.

Fasteners: Provide starter clips, fixing clips and fastenings as recommended by the cladding system supplier.

2.4 REVOLUTION PROFILED SHEET WALL CLADDING

EuroPlus Interlocking Panel

Description: Interlocking metal cladding panels with recessed joints and concealed fixings.

Panels can be fixed vertically or horizontally as a wall cladding, or as a soffit panel.

Base metal thickness (BMT) of panel material:

- Steel: [complete/delete]

Select 0.55 or 0.8 mm for Zinalume and Colorbond finished panels.

- Aluminium: 0.80 mm.

- Corten: 0.7 mm.

- Copper: [complete/delete]

Select 0.55 or 0.7 mm.

Panel width: [complete/delete]

Select width required. Revolution Roofing can provide the standard panel widths of 200, 250 and 300 mm or any custom width between 170 and 400 mm.

Panel height: 24 mm.

Maximum length: 6000 mm.

Panel finish:

- Steel: [complete/delete]

Select Colorbond (Standard, Metallic, Ultra, Ultra Matt, Coolmax), Zinalume or Z600 Heritage Galvanized.

- Aluminium: Prepainted.

Paint finish is available in any colour.

- Copper: Natural weathering mill finished copper. No applied finish.

- Corten: Weathering steel. No applied finish.

Tensile strength:

- Steel: 300 MPa (G300).

- Aluminium: 145 to 185 MPa (for alloy 5005-H34).

- Copper: Half hard C12200 copper.

EuroPlus Nailstrip

Description: Interlocking, flat profiled, metal cladding panels fixed with perforated nail fixing strip.

Revolution Roofing recommends that panels be fixed in a vertical configuration only. Nailstrip may be installed as a wall or roof cladding.

Base metal thickness (BMT) of panel material:

- Steel: 0.55 mm.

- Copper: 0.55 mm.

Panel width: [complete/delete]

Select width required. Revolution Roofing can provide the standard panel widths of 265 and 465 mm or any custom width between 200 and 465 mm.

Panel height: [complete/delete]

Select 25 or 38 mm.

Maximum length: 8000 mm.

Panel finish: Select from the following based on the panel material:

- Steel: [complete/delete]

Select Colorbond (Standard, Metallic, Ultra, Matte, Coolmax), Zinalume or Z600 Heritage Galvanized.

- Copper: Natural weathering mill finished copper. No applied finish.

Tensile strength:

- Steel: 300 MPa (G300).

- Copper: Half hard C12200 copper.

EuroPlus SnapLock

Description: Interlocking, flat profiled, metal cladding panels fixed with concealed clips.

Revolution Roofing recommends that panels be fixed in a vertical configuration only. SnapLock may be installed as a wall or roof cladding.

Base metal thickness (BMT) of panel material:

- Steel: 0.55 mm.
- Copper: 0.55 mm.

Panel width: [complete/delete]

Select width required. Revolution Roofing can provide the standard panel widths of 265 and 465 mm or any custom width between 200 and 465 mm.

Panel height: [complete/delete]

Select 25 or 38 mm.

Maximum length: 8000 mm.

Panel finish: Select from the following based on the panel material:

- Steel: [complete/delete]

Select Colorbond (Standard, Metallic, Ultra, Matte, Coolmax), Zinalume or Z600 Heritage Galvanized.

- Copper: Natural weathering mill finished copper. No applied finish.

Tensile strength:

- Steel: 300 MPa (G300).
- Copper: Half hard C12200 copper.

Maxline 340

Description: Self-spanning flat profiled cladding panels with concealed fixings.

Self-spanning up to 1500 mm. Maxline 340 may be installed as a wall or roof cladding.

Base metal thickness (BMT) of panel material:

- Steel: [complete/delete]

Select from the following thicknesses:

- 0.55 mm: For Colorbond (Metallic, Ultra, Coolmax), Zinalume or Z600 Heritage Galvanized finished panels.
- 0.60 mm: For Colorbond (Standard and Matte) finished panels.

- Aluminium: 0.80 mm.

Panel width: 340 mm.

This is the widest flat pan available on the market. It also does not require pan stiffeners.

Panel height: 53 mm.

Panel finish:

- Steel: [complete/delete]

Select Colorbond (Standard, Metallic, Ultra, Matte, Coolmax), Zinalume or Z600 Heritage Galvanized.

- Aluminium: Prepainted.

Paint finish is available in any colour.

Tensile strength:

- Steel: 300 MPa (G300).
- Aluminium: 145 to 185 MPa (for alloy 5005-H34).

Maxline Variable

Description: Self-spanning flat variable pan profiled cladding with concealed fixings.

Maxline Variable may be installed as a wall or roof cladding.

Base metal thickness (BMT) of panel material: [complete/delete]

Select from the following thicknesses:

- 0.55 mm: For Colorbond (Metallic, Ultra, Coolmax), Zinalume or Z600 Heritage Galvanized finished panels.
- 0.60 mm: For Colorbond (Standard and Matte) finished panels.

Panel width: [complete/delete]

Select width required. Revolution Roofing can provide any custom width between 300 and 500 mm.

Panel height: 53 mm.

Panel finish: [complete/delete]

Select Colorbond (Standard, Metallic, Ultra, Matte, Coolmax), Zinalume or Z600 Heritage Galvanized.

Tensile strength:

- Steel: 300 MPa (G300).

Accessories

End and corner treatments: Customised trims to suit the panel configuration and finish.

Revolution Roofing can manufacture end/corner caps and trims to suit the designer's detail.

2.5 REVOLUTION SEAMED SHEET WALL CLADDING

EuroPlus Standing Seam

Description: Metal, flat profiled, interlocking pans with standing seam fixed with concealed clips.

Revolution Roofing recommends that panels be fixed in a vertical configuration only. Standing Seam may be installed as a wall or roof cladding.

Base metal thickness (BMT) of panel material:

- Aluminium: 0.8 mm.
- Corten: 0.7 mm.
- Copper: [complete/delete]

Select 0.55 or 0.7 mm.

Panel width: [complete/delete]

Select 330 or 430 mm.

Panel height: [complete/delete]

Select 25 or 38 mm.

Maximum length: 8000 mm.

Panel finish:

- Aluminium: Prepainted.

Paint finish is available in any colour.

- Copper: Natural weathering mill finished copper. No applied finish.
- Corten: Weathering steel. No applied finish.

Accessories

End and corner treatments: Customised trims to suit the panel configuration and finish.

Revolution Roofing can manufacture end/corner caps and trims to suit the designer's detail.

3 EXECUTION

3.1 PREPARATION

Substrates or framing

Requirement: Before fixing cladding, check the alignment of substrates or framing and adjust if required.

Flexible underlay: Check that the underlay is restrained.

3.2 INSTALLATION

General

Requirement: Fix sheeting firmly against framing to the manufacturer's recommendations.

Fixing method: As documented or to one of the following fixing methods to manufacturer's recommendations:

- Steel framing: Screw.

- Timber framing: Nail or screw.
- Minimum penetration for profiled metal sheets: 30 mm for timber framing.

Accessories and trim

Requirement: Provide accessories and trim required to complete the installation, or as documented.

Corner flashing for profiled and seamed metal sheets: Finish off at corners with purpose-made folded flashing strips.

Metal separation

Design for compatibility or detail separation.

Requirement: Prevent direct contact between incompatible metals, and between green hardwood or chemically treated timber and aluminium or coated steel, by either of the following methods:

- Apply an anti-corrosion, low moisture transmission coating to contact surfaces.
- Insert a separation layer.

Incompatible metal fixings: Do not use.

3.3 PROFILED SHEET METAL CLADDING

Installation

Fixing start location: [complete/delete]

Note the elevation that will allow fixing to proceed from leeward to the windward of prevailing wind.

Swarf: Remove swarf and other debris as soon as it is deposited.

Ground clearance: Maintain documented clearance.

Cutting sheets: Wherever possible, factory cut to length. Do not use an abrasion disc.

Accessories: Provide material with the same finish as cladding sheets.

Expansion joints: [complete/delete]

Expansion joints should be provided every 35 m in sheet length for walls with concealed fixings and 24 m in sheet length for walls with exposed fixings.

EuroPlus Interlocking Panel

Installation: Fix panel to top hats or battens at maximum 600 mm spacings, placed at 90° to the panel configuration.

Fixing method: Proprietary concealed clips with fasteners, as recommended by the manufacturer.

Recess width: [complete/delete]

Select 0, 5, 10 or 15 mm.

EuroPlus Nailstrip

Installation: Fix panel to 40 mm top hats or battens at maximum 600 mm spacings, placed at 90° to the panel configuration.

Fixing method: Fix Nailstrip to substrate, with nail fixings at maximum 300 mm spacings along the perforated fixing strip. Position and clip next panel in place.

Revolution roofing recommends installing Nailstrip on 15 mm thick plywood to maintain the aesthetic integrity of the panel. If required, nominate here.

If installing EuroPlus Nailstrip for roofing, include in 0423p REVOLUTION ROOFING in profiled sheet metal.

EuroPlus SnapLock

Installation: Fix panel to 407 mm top hats or battens at maximum 600 mm spacings, placed at 90° to the panel configuration.

Fixing method: Proprietary concealed clips with 2 fasteners per clip, as recommended by the manufacturer.

Revolution roofing recommends installing SnapLock on 15 mm thick plywood to maintain the aesthetic integrity of the panel.

If installing EuroPlus Nailstrip for roofing, include in the 0423p REVOLUTION ROOFING in profiled sheet metal worksection.

Maxline 340

Fixing method: Proprietary concealed clips with fasteners that do not pass through the panels, as recommended by the manufacturer.

Refer to Revspec Maxline 340 for further installation details.

Maxline Variable

Fixing method: Proprietary concealed clips with fasteners that do not pass through the panels, as recommended by the manufacturer.

Plywood sheeting

Installation: Lay the length of the sheets at right angles to the supports on 15 mm thick plywood.

End joints: Stagger the end joints and locate centrally over framing members.

Edge support: If panels are not tongue and grooved, provide noggings or trimmer joists to support the edges.

Fixing: 300 mm centres to each support:

- Timber: Adhesive and nail.
- Steel: Metallic-coated self drilling/tapping screws with the heads finishing below the surface.

Control joints: 12 mm gap at abutting building elements.

Detail the assembly to provide a 25 mm air gap between the plywood and insulation.

Fabrication

Requirement: Factory fabricate cladding trays.

Minimum bending radius: 1.75 mm.

EuroPlus Standing Seam

Installation: Fix panels on 15 mm thick plywood, with a separation barrier between the plywood and the Standing Seam profile to prevent condensation. Make sure plywood panels are flush at joints.

Seam: Single locking.

Fixing method: Proprietary concealed stainless steel clips spaced at maximum 300 mm centres. For longer panels, allow for concealed sliding clips near the ends of the panels.

If installing EuroPlus Nailstrip for roofing, include in 0423p REVOLUTION ROOFING in profiled sheet metal.

3.4 COMPLETION**Reinstatement**

Extent: Repair or replace damage to the cladding. If the work cannot be repaired satisfactorily, replace the whole area affected.

Touch up: If it is necessary to touch up minor damage to prepainted metal cladding, do not use spray paints.

See BlueScope TB-02 for overpainting and restoration of exterior steel products.

Cleaning

Requirement: Remove excess debris, metal swarf, solder, sealants and unused materials.

Exposed metal surfaces: Clean surfaces of substances that interfere with uniform weathering or oxidation.

Damaged materials: Replace materials that have been damaged or degraded.

Warranties

Requirement: Cover materials and workmanship in the form of interlocking warranties from the supplier and installer.

- Form: Against failure of materials and execution under normal environment and use conditions.
- Period: As offered by the supplier.

Use only where warranties extending beyond the defects liability period are available for the particular system. Insert the required warranty period and terms, which should be negotiated beforehand. If the warranty is in the form of separate material and installation warranties, require the signatures of both manufacturer and installer.

The form(s) required should be provided as part of the contract documentation.

4 SELECTIONS

Schedules are a way of documenting a selection of proprietary or generic products or systems by their properties. Indicate their locations here and/or on the drawings. Refer to NATSPEC TECHnote GEN 024 for guidance on using and editing schedules.

4.1 PRODUCT

Profiled sheet metal cladding schedule

Property	A	B	C
Product			
Profile			
Material type			
Thickness (mm)			
Colour			
Trims			
Control joints			
Flashings and cappings			
Fasteners			

A, B, C: These designate each instance or type or location of the item scheduled.

Edit codes in the **Schedule** to match those on drawings.

Product: Nominate the selected Rollformer or Distributor.

Profile: Select from the profiles offered by the nominate Rollformer or Distributor, e.g. Corrugated, Ribbed, Trapezoidal or use the manufacturer's profile code/name.

Material type: Select the product material recommended by the Rollformer or Distributor with reference to the atmospheric corrosivity category nominated for the project in *0171 General requirements*. Refer also to NATSPEC TECHnote DES 010.

Thickness: Consult the nominated Rollformer or Distributor.

Trims: e.g. Proprietary accessories for sills, reveals or corner returns.

Flashings and cappings: e.g. Prefinished sheet metal to match cladding colour. Coordinate with *0421 Roofing – combined*.

Fasteners: e.g. Concealed or Pierced: Crest or Valley.

Seamed sheet metal cladding schedule

Property	A	B	C
Product			
Material			
Minimum thickness (mm)			
Width between seams			
Colour			
Finish			
Trims			
Control joints			
Flashings and cappings			
Fasteners			

A, B, C: These designate each instance or type or location of the item scheduled.

Edit codes in the **Schedule** to match those on drawings.

Product: Seamed sheet metal or Flat lock tiles. (Tiles and panels are an alternative to seamed sheeting.)

Material: e.g. Soft temper copper to AS 1566 or Titanium zinc pre-weathered by pickling process.

Minimum thickness:

- Copper: 0.7 mm.
- Zinc: 0.8 mm.

Width between seams:

- Copper: 500 mm.
- Zinc: 600 mm.

Finish: e.g. Polished, Sandblast, Varnish coated, Pre-weathered.

Trims: e.g. Proprietary accessories for sills, reveals or corner returns.

Flashings and cappings: e.g. Prefinished sheet metal to match cladding colour. Coordinate with *0421 Roofing – combined*.

Fasteners: e.g. Concealed or Pierced: Crest or Valley.

REFERENCED DOCUMENTS

The following documents are incorporated into this worksection by reference:

AS/NZS 1170		Structural design actions
AS/NZS 1170.2	2011	Wind actions
AS 1562		Design and installation of sheet roof and wall cladding
AS 1562.1	2018	Metal
AS/NZS 2269		Plywood - Structural
AS/NZS 2269.0	2012	Specifications
AS/NZS 2904	1995	Damp-proof courses and flashings
AS 4040		Methods of testing sheet roof and wall cladding
AS 4040.3	2018	Resistance to wind pressures for cyclone regions

The following documents are mentioned only in the *Guidance* text:

AS 1566	1997	Copper and copper alloys - Rolled flat products
AS 3959	2018	Construction of buildings in bushfire prone areas
AS 5113	2016	Classification of external walls of buildings based on reaction-to-fire performance
ABCB Advisory Note 3	2016	Fire performance of external walls and cladding
BCA Section C	2019	Fire Resistance
BlueScope TB-02	2019	Overpainting and restoration of exterior BlueScope Steel products
BlueScope TB-01B	2019	Steel walling products - Selection guide
NATSPEC DES 010	2015	Atmospheric corrosivity categories for ferrous products
NATSPEC DES 018	2008	Bushfire protection
NATSPEC GEN 006	2007	Product specifying and substitution
NATSPEC GEN 024	2015	Using NATSPEC selections schedules
NATSPEC TR 01	2019	Specifying ESD