COAST TO COAST CAPABILITY

Bondor was founded in the 1950’s and has grown to become Australia’s leader in thermal building solutions. Bondor is associated with the worldwide Metecno SpA family of companies, founded in Italy in 1961. Metecno SpA now has over 30 foam inline panel manufacturing machines located in Western and Eastern Europe, South America, China, India and South East Asia.

Bondor developed the original slip joint for efficient panel assembly, and now offers the most comprehensive range of insulated panel products and systems in Australia. Only Bondor covers Australia from coast to coast with experienced, long-serving staff and manufacturing facilities in every state.
PART J - BCA
As supplier of all three insulated building panel types, Bondor is in a unique position to offer impartial advice on the panel type suitable for every application.

All Bondor panel types can satisfy the insulation requirements of Part J of the Building Code of Australia.

EPS PANELS
Manufactured with a fire-retardant grade of EPS, BondorPanel® is the traditional and cost-effective panel that, depending on construction detail, is a Group 1 or Group 2 material under the Building Code of Australia. BondorPanel® is recommended where economical, lightweight panels with excellent insulation properties are required, including cold stores, clean rooms, storage rooms, cool to ambient food processing areas and as roof or wall cladding for a wide variety of buildings.

PIR PANELS
Manufactured with a foam in place polyisocyanurate (PIR) core. Installed MetecnoPanel® and MetecnoSpan® panel systems are FM Approved with unlimited height. MetecnoPanel® and MetecnoSpan® are recommended for all traditional applications of insulated sandwich panels, including cold stores and freezers, where this is required for insurance purposes.

MINERAL FIBRE PANELS
FlameGuard® panels are ideal for applications where a non-combustible core is required. FlameGuard® panels are FM Approved for unlimited height applications provided they are installed in accordance with Bondor approved installation requirements. As with all mineral fibre core panels, they are not recommended for cold store applications, but are ideal near hot work areas as they do not burn.

DURABLE COLORBOND® STEEL SKIN
Bondor panels are constructed by sandwiching an insulating core between two sheets of pre-painted COLORBOND® steel. The result is a strong, durable panel with an attractive, easy to maintain surface. When supplied in standard off white Bondor uses COLORBOND® PermaGard™ steel treated with Microban® antibacterial protection.

SUPPLY OR SUPPLY AND INSTALL
Bondor provides a single responsibility service, manufacturing the panel and reliably installing it.
BondorPanel®
BondorPanel® is a self-supporting building panel used to clad buildings and enclosures. It is especially recommended for cold storage, cool to ambient food handling projects with temperature and atmosphere control. BondorPanel® combines versatility with economy and dependability. BondorPanel® is made to measure, then assembled on-site. Easy handling and quick, simple installation keep construction time to a minimum.

Cold Store Doors
Bondor manufactures Australia’s most efficiently-engineered cold room doors. The comprehensive range is designed to specification as hinged, single or bi-parting, horizontal or vertical sliding, manual or automatic. Bondor Cold Store Doors cater for personnel and forklift traffic. All Bondor doors have the option of heated fascias to resist condensation and frosting around seals. Lockable doors have the option of an inbuilt internal safety release.

Equitilt® EPS Architectural Facade
The Equitilt® range of EPS architectural walling offers design versatility, thermal efficiency and efficient installation. Select from a wide choice of profiles, including: Traditional Slipjoint, Shadowline, Satinline and Series 600. The structural integrity of Equitilt® architectural walling system is derived from its sandwich panel construction, making a cost-effective option to other facade materials. Equitilt® EPS walling is over 25 times more efficient as an insulation medium than pre-cast concrete of equivalent thickness. Equitilt® lightweight construction allows reduced load-bearing footings and structural supports.

Equideck® Roofing
Equideck® is a long-spanning self-supporting roof panel with three features in one panel: a durable steel roof, a highly effective insulation core, and an attractive, low-maintenance ceiling. Its internal and external facings of pre-painted COLORBOND® Steel provide a high quality finish and its unique panel design means the roofing, insulation and ceiling are installed in one simple operation. Equideck® has no ceiling lining, no reflective membrane and no painting, which keeps construction time and on-site trades to a minimum. Provides architects with an efficient alternative when “standing seam” style roofs displaying wide flat trays are required. These wide trays also provide the perfect support for many new solar & electricity generating panels.

InsulWall®
InsulWall® by Bondor is a complete walling system combining insulation between two steel skins to form a structural and load bearing panel. InsulWall® panels lock easily together, and when coupled with SolarSpan® roofing, they form a fully insulated, structural shell. InsulWall® is produced using innovative steel, exclusively made by BlueScope, which allows the direct rendering on the outside, and painting on the inside, without costly and time consuming additional layers.
PIR.
THE FUTURE
IN INSURER-APPROVED PANELS.

**MetecnoPanel®**
MetecnoPanel® is an Australian-made lightweight sandwich panel with a PIR fire-retardant core. MetecnoPanel® is Factory Mutual approved to FM 4880 - Unlimited Height. MetecnoPanel® is suitable for all insulated panel applications, including cold stores and freezers. MetecnoPanel® offers insurer-approved fire risk reduction properties widely specified in Europe and USA.

**MetecnoSpan®**
MetecnoSpan® is an Australian-made PIR wall and roof panel approved to FM 4880 – Unlimited Height (Class 1 Fire Rating) and FM 4471 (Class 1 Panel Roofs). MetecnoSpan® offers a three in one roofing solution, with a strong, trapezoidal profile COLORBOND® outer roof, a fire-retardant, energy-efficient PIR core and an attractive, hygienic COLORBOND® ceiling surface. MetecnoSpan® offers insurer-approved fire risk reduction properties widely specified in Europe and USA. MetecnoSpan® is recommended for supermarkets, industrial and commercial premises and more.
MINERAL FIBRE.
THE ULTIMATE IN NON-COMBUSTIBLE BUILDING PANELS.

FlameGuard®- Non combustible
Bondor FlameGuard® is recommended where improved fire performance is required. FlameGuard® is Factory Mutual approved under FM 4880 - Unlimited height. FlameGuard® features a non-combustible mineral fibre core sandwiched between two sheets of pre-painted COLORBOND® Steel and is assessed as non-combustible under AS 1530.1. For fire rating data see FlameGuard® Data Sheet.

Equitilt®- Mineral Fibre
Equitilt® with a mineral fibre core offers a combination of attractive architectural walling with a non-combustible core. Equitilt® Mineral Fibre is recommended where a high standard of fire performance is required.

FM 4880 Fire Test

ABOVE: Equitilt® FlameGuard®, Ikea, Logan, QLD
LEFT: Equitilt® FlameGuard®, Castle Hills Bulk Goods, NSW
**PURLINE®**
**COST-EFFECTIVE INSULATED ROOFING**

**Purline®**
Bondor Purline® sets the standard for low-cost insulated roofing. Purline® has a pre-painted COLORBOND® Steel exterior, a polyurethane (PUR) core and a bright white vinyl underside. Bondor Purline® cuts costs with its wide cover, faster installation times and ease of handling. Purline® saves energy for heating, cooling and lighting, reduces noise and eliminates condensation between insulation and roof sheet. The textured vinyl underside simply hoses clean.

**SOLARSPAN.®**
**THE ULTIMATE YEAR-ROUND LIVING AREA.**

**SolarSpan®**
SolarSpan® is an ingenious combination of roofing, insulation and ceiling in one durable, functional and attractive panel. This all-in-one roofing solution offers the potential to create the ideal indoor/outdoor living environment in any climate. SolarSpan® features a high tensile COLORBOND® steel exterior, a polystyrene core for insulation in all seasons and a pre-painted COLORBOND® steel underside.
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