

Blueprint

Spring 2008

THE LATEST FROM BRADNAM'S

NEW 100mm & 150mm Frontline Suites

provide affordable flush glazed curtain wall solutions



Ever-growing importance is being placed on energy conservation, thermal efficiency and human comfort. Green Star ratings encompassing a range of values are becoming the norm. And when making a decision, clients are taking a much longer term view regarding building operating costs.

"The market is demanding better energy efficient solutions," Ross Craigie, Bradnam's Commercial, Henderson Manager explains.

The introduction of more sophisticated glazing products has seen glass thicknesses getting increasingly larger. "Along with the growing demand for double glazing in commercial buildings, we're also seeing more laminated products being used to cope with sound, safety and ultra violet rays," Ross says.

The Frontline suites allow architects to accommodate these trends in their designs.

"A 12mm air space is recommended in double glazed products, requiring 20mm minimum size using standard 4mm glass," Ross explains. The Frontline suites provide up to 12.38mm for single glazing and 26mm for double glazing, so designers can select different combinations of glass and laminates.

The increases in glass sizes and types have also seen a growing requirement for wider span options. This demand for stronger transoms and mullions have driven designers to generate higher I values within the suites to accommodate these spans. ■

The Candida Office Park

Constellation Drive, Auckland
Supplied by Bradnam's Commercial, Henderson

These three huge office blocks dominate Constellation Drive and represent a recent Bradnam's project. The Office Park showcases Bradnam's 150mm Frontline Suite with concealed mullions (which have been structurally glazed) and expressed transoms.

Enquiries: Phone Bradnam's Henderson
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The Bradnam's Story

Ron Holden established National Aluminium Ltd (NALCO) with Bill Bradnam from Australia and Capral in 2002. Bradnam's NZ was subsequently launched in New Zealand and quickly set up fabrication operations in Auckland, Rotorua and Christchurch. Another has been recently established in Wellington.

With over 30 years experience in the industry, Ron understands the need for high quality standards of aluminium joinery. He led the New Zealand design team to produce an innovative residential product which incorporated unique patented jointing techniques not seen previously in New Zealand. This development and the well resourced factory setups enabled Bradnam's to stand out from it's competitors on quality and performance.

All Bradnam's business units are owned by NALCO. Bradnam's focus is on the supply to group housing and large residential projects along with low and medium rise commercial joinery projects. Bradnam's have the most recently developed 35mm residential suite featuring WeatherTight™ technology designed at making joinery safer and more thermally efficient to use. They can also provide for 24mm double glazing across all residential products including sliding doors and stackers doors.

Bradnam's recently released four new Frontline Suites. Bradnam's Commercial's operation at Henderson has a team which started together in 1982 and recently successfully completed the Candida Auckland project. This success makes them a leader in the Auckland commercial joinery market. Bradnam's is now the largest single manufacturer of aluminium joinery in New Zealand employing over 130 staff. ■



About NALCO

NALCO was formed in 2002 to take over the New Zealand assets of Capral. The company was formed through a joint venture between Capral and Window Technologies NZ Ltd.

In 2006, JV partners Bill Bradnam and Ron Holden (who is the Managing Director of NALCO) purchased Capral's remaining shareholding to become outright owners.

NALCO's Hamilton-based manufacturing mill, powder coating lines and warehouse support our National fabricator network of Bradnam's and Nulook fabricators who supply quality joinery to both builders and homeowners.

NALCO supports both fabrication businesses with systems design, IT systems, Tooling, Manufacturing and Marketing support.

As well as manufacturing extrusion for private supply, NALCO also imports, stocks and distributes a wide range of aluminium rolled and specialty extruded products. This enables us to provide a complete aluminium solution for an extensive range of industries here in New Zealand and overseas.

Challenging traditional thinking

Since its formation in 2002, NALCO has built a reputation as a leading designer of window and door systems from extruded aluminium. Our design team has introduced innovative solutions, including new joining technologies that have challenged traditional methods of manufacture and significantly improved joinery quality within our fabricator network.

Unique WeatherTight™ technology

Leaky buildings prompted the early development of unique WeatherTight™ technology. These designs were prototyped and thoroughly tested to optimise performance. The suite provides for a wide variety of styles and designs that can be incorporated into residential joinery.



Pooling resources for better solutions

NALCO's design team actively collaborates with Bradnam's in Australia on selected commercial projects, sharing experience and workload when applicable. During the design phase NALCO undertakes design testing in IANZ accredited testing laboratories to ensure designs meet local and overseas standards.

NALCO's vision is simple: "A Better world for our Customers".

Recent design projects include:

- New WeatherTight™ 35mm residential suite;
- New UrbanSlider (external residential sliding door);
- New Frontline 100mm SG & DG;
- New Frontline 150mm SG & DG;
- New Stellar Doors Range. ■

Bradnam's website provides installation details to save time

CAD downloads prove popular with architects and builders

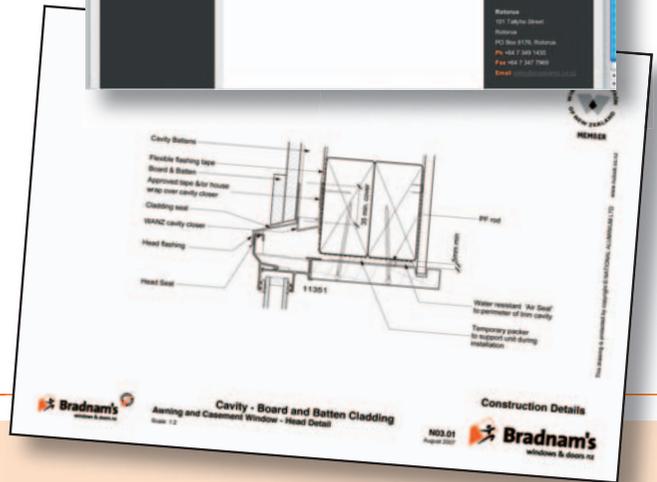
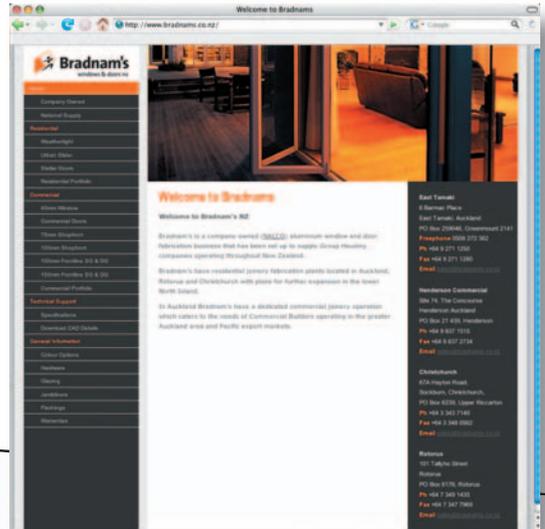
“Since Bradnam’s launched its new website and promoted this free service we have seen a steady stream of downloads from architects and builders all over the country,” says Marketing Manager Mark Gilbert. “We saw a similar increase in use when we made our Commercial details available.”

At the time the download facility was set up, E2 was relatively new and as a document it provided only an incomplete guide to the industry. “But we knew architects and builders wanted clear, easy access to details that fitted in with their selected claddings”, Mark says.

Files are available in a wide variety of claddings for direct fix or Cavity in DWG, DXF, MOD and PDF.

The site address is: www.bradnams.co.nz.

Users simply register their details the first time they visit the site and then log on to source and download the CAD drawings they're after. ■



NEW Entrance Door Styles Online



The new Stellar range of Entrance Doors can now be viewed on line at <http://www.bradnams.co.nz/stellar> or as a link from www.bradnams.co.nz. Visitors to the site can select various door styles with ease using Bradnam's new Stellar Door configurator.

Stellar Doors are made from extruded aluminium to withstand extreme New Zealand weather conditions, making them the perfect choice for homes.

- No shrinking
- No splitting
- No swelling
- No leaking
- Stronger
- More secure

Stellar Doors can be made with laminated or double glazed glass inserts and offer a range of locking mechanisms to suit your requirements. ■