

# Outlook

Spring 2008

NEWS □ PEOPLE □ PRODUCTS

nulook  
windows & doors

## NEW 100mm & 150mm Frontline Suites

provide affordable flush glazed curtain wall solutions



There is an increased demand for architects to provide better energy efficient solutions in relation to commercial building design.

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," Mark Gilbert, Marketing Manager of NALCO explains.

With this in mind, NALCO has just released four new Frontline suites. It provides architects with a complete product of affordable flush glazed curtain wall solutions.

### Flexibility to use glass and laminates

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," Mark 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," Mark 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 Metro Glasstech building in Christchurch.

Joinery was supplied by Raylight Aluminium Ltd (Nulook). Joinery is 100mm Double Glazed frontline flush glaze suite showing expressed transoms and structural glazed mullions.

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.

CAD details, showing extrusion profiles, typical cross sections and standard installation details are available from the Nulook website: [www.nulookcommercial.co.nz](http://www.nulookcommercial.co.nz). File formats include DWG, DXF, MOD and PDF. □

# DART scores Gold Awards

## Registered Master Builders Commercial Project winner features new 100mm Double Glazed Frontline suite

Work on the ARA's new building, christened The Dart because of its distinctive arrow shape, secured TH Barnes Construction the RMB Commercial Project of the Year at the Registered Master Builders House of the Year awards held in Marlborough recently. TH Barnes Joinery (Nulook) supplied the joinery.

The core of the design concept for The Dart was that the building has an intimate and direct relationship with the landscape and environment. To help achieve this, the architect specified the use of a flushglaze double glazed suite to cope with the high winds that sometimes sweep through the region. Nulook's recently released 100mm Double Glazed Frontline suite of windows and doors fitted the specifications perfectly.

"It's the first time this 100mm profile has been used in the Marlborough region," Joinery Division Manager Stan Sutton says.

The building marked another first for the company. "It's the largest aluminium project we've handled," Stan says. That's hardly surprising when you consider that The Dart is over 80 metres long and 45 metres wide. And it makes the Award win that much sweeter. □



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# 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 current 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 jointing 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: "To Create 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.

## The Nulook Story

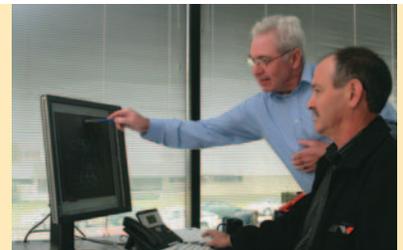
Nulook first saw the light of day at a small wooden joinery factory in Cambridge back in 1962. Les Grey, the man who started it all, was a keen inventor looking at ways to develop a style of aluminium window that hadn't been seen before. For the first five years of operation, Les imported sliding window extrusions from Australia and adapted them for local use.

Les hit upon the name Nulook for his business simply because he was producing a new look of window and door joinery.

In 1967, Australian company Alcan set up operations in New Zealand and Les leapt at the chance to cut dies and run extrusions locally to support the growing number of Nulook licensees.

By the late 1970s Nulook had moved to Rosebank Road in the Auckland suburb of Avondale, with agents throughout New Zealand and a number in the Pacific Islands.

In 1988, Les sold Nulook to Alcan. That same year, as part of an international restructure and



sell-off of Alcan Australasian assets, Capral was formed.

In July 2002 National Aluminium Ltd (NALCO) was formed as a joint venture between Capral and Window Technologies NZ Ltd. Four years later, Window Technologies purchased the remaining shareholding in NALCO to take 100% ownership.

Since Les started the company 46 years ago, Nulook has maintained a reputation for quality and service that's second to none.

Nulook's success in the market is based on our ability to offer builders and homeowners a wide range of attractive aluminium window and door profiles for residential and commercial use.

We're proud of the service and quality we provide to our customers. □

