



Nutec  
and our  
Products

EVERITE®

Elegant style  
graceful beauty with  
Vermont Building Planks.



# About Everite and our Profile

## Established in 1941

Everite Building Products has been associated with the South African building industry since 1941. Producing a wide range of materials that satisfy the needs of the commercial, industrial and residential market sectors, Everite is renowned for its comprehensive range of Nutec Roofing and Cladding Solutions and includes fibre cement roofing, cladding, ceilings and building columns amongst others.

Nutec fibre cement high performance properties and added benefits include: the use of safe renewable fibres; considerable tensile strength with enhanced dynamic load bearing properties; excellent thermal properties; water and wind resistance; hail resistance; fire resistance and resistance to fungus, rodents and acid.

A programme of quality assurance in accordance with the requirements of the International Standards Organisation (ISO 9001:2008) is entrenched in Everite's process and management systems. Quality of all products is continuously monitored as specified by the South African National Standards and recognised international bodies.

Everite's 54 hectare manufacturing facility situated near Johannesburg is well located and has immediate access to all major road and rail links to national destinations and major ports. The company has branches located at major centres throughout South Africa.

Nutec products are distributed through leading stockists countrywide and an established export market further endorses the international acceptance of the Nutec Roofing and Cladding Solutions range of products.





Nedcor Head Office, Johannesburg  
Nutec Flat Sheets coated with a  
textured resin to match sand stone.

# Nutec and our Products

## Green Runs in Our Fibres

Nutec is the registered name for products manufactured without asbestos as a raw material. Nutec fibre cement products are manufactured using a mixture of cellulose fibre, cement, silica and water. Through ongoing research and development, Everite Building Products are committed to provide product of world-class quality.

Accordingly, the Nutec product range is continuously reviewed not only in the interests of the end-user and superior product performance, but also with respect to its impact on the environment. Everite Building Products has over the years established a reputation for producing a variety of outstanding quality products which have been used in a wide range of external and internal applications.

### The Green Facts about Nutec

Since the early 1980's Everite Building Products recognised the health risks associated with use of asbestos in the manufacture of fibre cement building products. It embarked on a rigorous development programme to find an alternative to asbestos in the manufacture of fibre cement - an alternative which would be safe and environmentally acceptable.

During this period till 2002 more than R140 million was invested in New Technology research which culminated when Everite used its last bag of asbestos on 13 December 2002.

Since then, all products manufactured by Everite are asbestos-free and when compared to the asbestos cement product, are equal to or superior in performance.





Nutec Slate Roofing  
Precision : Performance : Perfection

# Nutec Roofing and Accessories

## Slate Roofing

Nutec Roof Slates are favoured for more than seven decades in all sectors of the building industry. Renowned for years of trouble free roofing, it offers designers and specifiers freedom and flexibility when functional, aesthetic and cost criteria need to be met.

Nutec Roof Slates are the ideal roofing or cladding material to use on any project where class, character and individuality are of prime importance. The precise detail of the application and consistent appearance ensure an excellent finish.

Nutec Roof Slates are available in a plain or textured finish and a range of standard roofing colours. This provides designers creativity and individuality of expression, whether recreating old-world charm or meeting today's critical architectural design criteria. Nutec Roof Slates are factory coated with a specially developed paint system.



## Fascia & Barge Boards

The comprehensive range of Nutec Fascia and Barge Boards from Everite have been designed to suit virtually any roof, whether slates, tiles or sheeting. They provide a functional finish by protecting the underlying timber structure from the elements, as well as adding visual impact to the building.

Nutec Fascia and Barge Boards are ideal to cover up or replace weathered or rotten timber fascias and boards on old buildings.

In high wind areas barge boards form an important component of the roof structure, as they protect slates or tiles from being dislodged by the wind at the gable ends.





Nutec Fascia & Barge Boards

Protecting the underlying timber structure from the elements.

Nutec Ceiling Boards

Suitable for interior and exterior applications.  
Not affected by moisture or damp.



# Nutec Ceilings

## Ceiling Boards

The application of Nutec Ceiling Boards goes beyond the regular flat look. Raking or cathedral style ceilings installed between roof rafters creates a luxurious and spacious look to any room at an affordable price. Nutec Ceiling Boards are available in a plain or textured finish that simulates the look of real timber.

Nutec plain and textured ceiling boards are extensively used as nail-up ceilings and as an all-purpose building board for other interior and exterior applications. Not only are these products ideal for general use indoors, but because these products are not affected by moisture and are therefore ideal for use in damp areas such as kitchens, bathrooms and verandas, as well as for under eaves linings.





Nutec Flat Sheets

Where low mass construction is a priority the lightweight Nutec Flat Sheets make for easy handling and installation. They can be fixed to light gauge metal or timber.

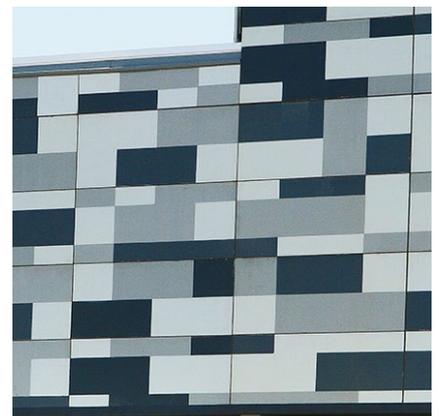
# Nutec Facades and Cladding

## Flat Sheets

Nutec Flat Sheets are an economical, multi-purpose building board that can be used in diverse exterior and interior applications, ranging from cladding, eaves linings and fascia's to ceilings, partitioning, panelling and suspended flooring.

Nutec High-Density and Medium Density flat sheets provide considerable scope for design flexibility and creative expression. Nutec Flat Sheets are produced in a smooth or textured finish. They are supplied in a neutral colour that can accept a wide variety of coatings and paints to suit the palette of any application.

The range includes Nutec Tongue & Groove that is available in a plain or realistic wood grain finish.



## Nutec Fibre Cement shapes with waterjet cutting

Waterjet cutting is widely known for its ability to cut virtually any material to near net shape. When it comes to Nutec fibre-cement manufactured by Everite Building Products, Waterjet cutting is precise and accurate and retains the quality and inherent strength of Nutec.

Nutec Fibre Cement boards are used in a variety of applications ranging from internal and external ceilings, wall cladding and fascia boards to a variety of purpose designed façade applications. When greater aesthetic and functional solutions are sought, waterjet cutting intricate shapes and designs to the Nutec board provides a new dimension to application possibilities.

### Design and installation considerations:

Virtually any type of pattern can be replicated with waterjet cutting of Nutec fibre-cement products. As each is made to order, it is recommended to consult Everite during the design stage. Important considerations will be the nature of the pattern or design; how the finished product will be installed – framed or frameless (self-supporting), fixing points and quantity.

### Application possibilities:

Application possibilities are limitless, from simple lattice designs to trendy façade solar screens, Nutec fibre-cement products provide the ideal substrate when functional and aesthetic criteria need to be met.



Waterjet Cut Nutec Ceilings  
Student residence  
accommodation featuring  
shaped waterjet cut ceilings  
in passages.



Nutec waterjet cut  
slatted duct covers to  
ventilation and service shaft.

Waterjet Cutting

Sunscreen / privacy screen waterjet cut pattern to Nutec fibre-cement - a striking facade to this upmarket home.



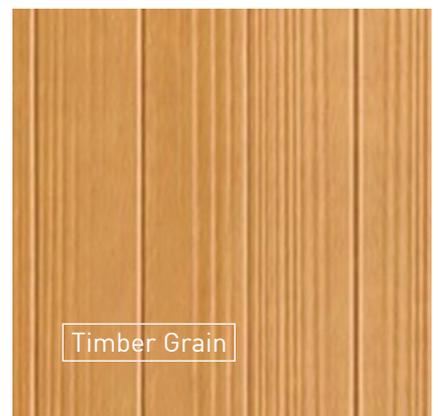


## Tongue & Groove Board

Nutec Tongue & Groove board is available in a plain or realistic wood grain finish.

It is suitable for use in a variety of applications, both interior and exterior.

Supplied in a natural colour and, as it is compatible with a variety of paints, the timber-like finish can be enhanced with wood stain varnishes or paint techniques.



Nutec Tongue & Groove  
The look and feel of real timber.  
Timber grain or smooth finish.





## Building Planks

Nutec Building Plank (popularly known as Vermont) provides an out of the ordinary solution for external and internal cladding.

Usually installed in a ship lapped pattern, it is available in a plain and textured finish that gives the realistic look and feel of timber.

Application possibilities range from facades for upmarket complexes to the external skin of brick, timber- and steel-framed structures.

Nutec Building Plank is ideally suited for upgrading facades or adding a striking look to new developments. They offer the perfect solution to add-on construction in the form of extra rooms or loft rooms, and are an economical alternative to brick and plaster gable walls on houses.





## Versatility with Building Planks

The versatility of Nutec Building Planks extends well beyond the traditional ship-lap cladding.

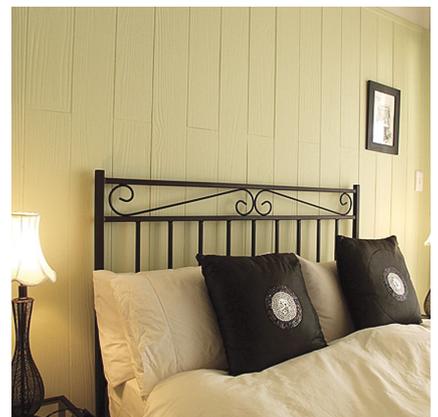
Nutec Building Planks inherent low maintenance and weather resistant properties make it an ideal material for use in a wide variety of applications.

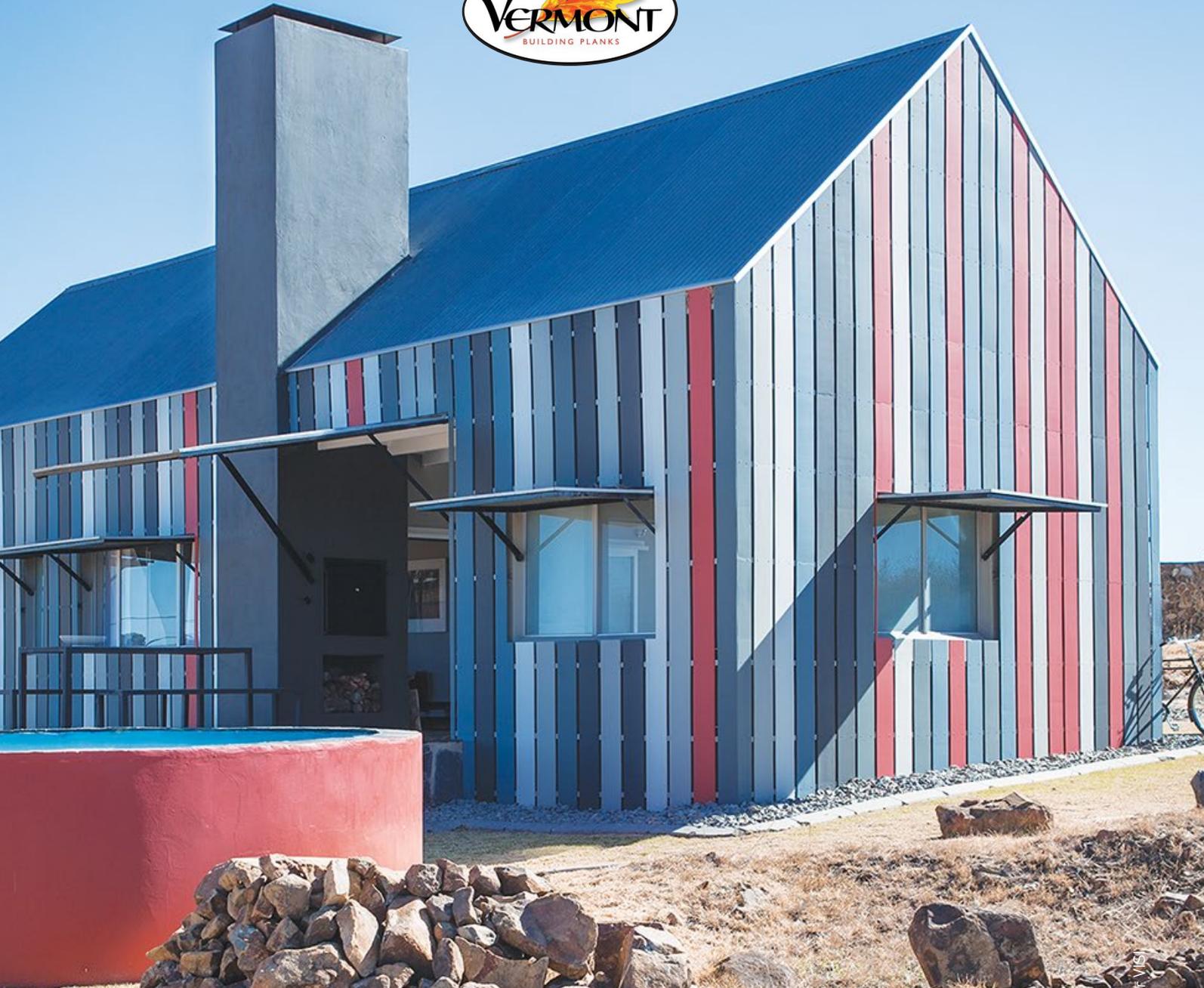
### Facing Page Photo:

Extract from *VISI*, Spring Issue 2012  
(Interview with Gavin Rooke)

“The house is clad in Nutec fibre cement planks (often referred to as “Vermont cladding” but without the faux wood grain).

The manufacturer (Everite) is located in the Vaal relatively close to our home. The product is extremely stable in terms of its resistance to water and temperature, and serves as a great thermal screen for the home. The primary function of the cladding is to keep the house cool because the western gable-end and northern façade absorb a significant amount of heat on summer afternoons. The movement caused by these heat fluctuations creates hairline cracks between the foundation slab and walls, which in turn require maintenance. Fortunately the addition of the cladding has now resolved the temperature fluctuations, cutting back on maintenance needs. The unusual vertical orientation of the cladding was simply to gain some aesthetic distinction for the home”





Credits: House No Less by Gavin Robke / Photographed by David Ross (of VISH)

## Window Sills

Nutec Windowsills are ideal for industrial, commercial and residential applications. Available in lengths to suit standard steel window frames and widths for standard wall thicknesses.

Nutec Windowsills can be cut to suit non-standard steel, wood and aluminium window frames.

Supplied with a smooth finish in their natural colour, Nutec Windowsills do not require any surface treatment for protection. However, a clear wax polish can be applied to enrich the natural colour, or they can be painted on site with any Acrylic PVA water based paint without pre-treatment.





## Building Columns

Nutec Building Columns are used in many and varied applications. Due to the inherent properties of Nutec, the columns are strong, durable and can be used as a permanent shuttering for reinforced concrete.

### Features:

- True circular shape.
- Smooth outside finish - no further treatment such as plastering is necessary.
- Standard lengths and diameters.
- Attractive range of headers and footers.
- Compatible with a variety of coatings and paints.







## Hebel - autoclaved aerated concrete (AAC)

Hebel is a lightweight autoclaved aerated concrete (AAC) which is completely cured, inert and stable form of calcium silicate hydrate. It is a structural material, approximately one quarter the weight of conventional concrete, composed of minute cells which give the material light weight, high thermal insulation, fire resistant and sound insulation properties. It is available as blocks, panels and precast reinforced units, i.e. floors, roofs and lintels.

Agrément South Africa approved, AAC as a building material has gained a considerable share of the international construction market since its inception in Sweden in the 1920's. The following attributes, amongst others, is why it has become the preferred choice internationally for more than 80 years: Everite has been appointed as a licensee of Hebel



Fire resistant



Thermal insulation



Sound insulation



Ease of use and workability



Speed of construction



Low carbon footprint



Low heating and cooling costs



Lightweight and strong

Autoclaved Aerated Concrete by the Xella Group. Everite Building Products is the only producer of AAC in Africa.



Close up: aerated autoclaved concrete - light weight and high thermal insulation properties.



Hebel Block: Each block is perfectly sized thus keeping on-site cutting to a minimum.





**nutec**<sup>®</sup>  
ROOFING AND CLADDING SOLUTIONS

Lasting Strength with Fibre Cement

Call Centre : 0861 333 835  
[www.everite.co.za](http://www.everite.co.za)

Manufactured by  
**EVERITE**<sup>®</sup>  
Established in 1941

