



Nutec
and our
Products

EVERITE®

Elegant style
graceful beauty with
Vermont Building Planks.



About Everite and our Profile

Established in 1941

Everite Building Products, wholly owned by JSE listed Group Five, 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.



Suspended Ceiling

Finishing of concrete roof ceilings is easily achieved by installing a Nutec Suspended Ceiling. This solution is cost effective and is an affordable way to hide fixtures and wiring to the underside of the slab. The suspended ceiling technique allows for easy access to wiring or plumbing connections in shallow roof spaces.

Nutec Suspended Ceiling Boards are available in a plain or vinyl clad finish. For enhanced insulation, Nutec Thermoclad Suspended Ceiling Boards come with a 25 mm insulation backing.

Nutec Suspended Ceiling Boards exhibit the same performance properties as Nutec Branded Ceiling boards and are ideal when used in a suspended ceiling assembly to the underside of concrete slabs, traditional timber construction and lightweight steel frame roofing.





Suspended Ceilings

Ideal for applications to the underside of concrete slabs, traditional timber construction and lightweight steel frame roofing.



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.



Eco-friendly Building with Light Steel Frame Building and Nutec Fibre Cement Cladding

The environment-friendly building television programme ekoSTYL, a DStv's KykNET channel, put Light Steel Frame Building (LSF) under the spot light when this old masonry-built Parktown house was scheduled for full-scale renovation - including the addition of a 140 m² second storey using LSF clad with Nutec Flat Sheets in less than 10 weeks.

In the case of the Parktown house, LSF showed to be ideal for adding a second floor as it was not necessary to strengthen the foundations due to the low mass of the LSF structure above.

In terms of Nutec products specified for this project, major savings in transportation and installation costs using Nutec translated into meeting the architect's objective of using "Green" building methods from start to finish.

Installation of Nutec floor boards and cladding requires minimal labour under skilled supervision. The finished installation gives the appearance of a traditional solid material, with the benefits of rapid installation and superior consistency and quality.

Research* has shown that a LSF house clad with Nutec Flat Sheets and suitable insulation is significantly more energy efficient than more traditional construction methods with regard to both the embodied energy of the materials and components, and the operational energy, which refers to the energy used in heating and cooling the building over its design life.

* Reference:

'A predictive comparative thermal performance analysis for light steel frame and masonry residential buildings' - T Kumirai and Dr D Conradie, CSIR.

Acknowledgments:

SASFA - Southern African Light Steel Frame Building Association.





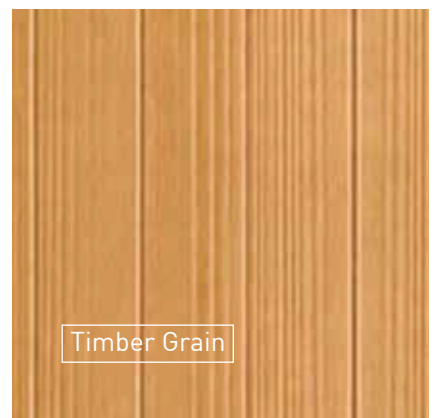


Tongue & Groove Board

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.





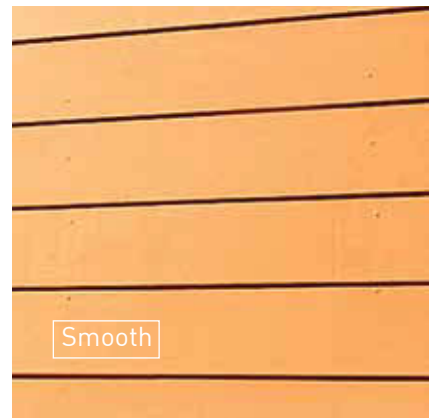
Building Planks

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.

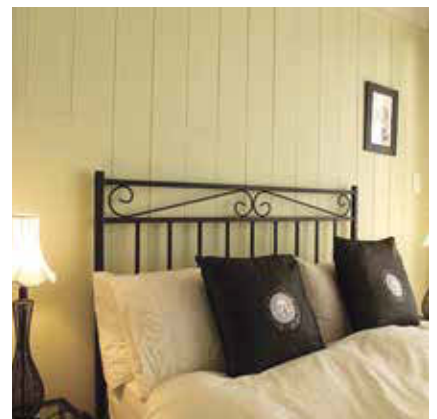
Nutec Building Planks inherent low maintenance and weather resistant properties make it an ideal material for use in a wide variety of applications.

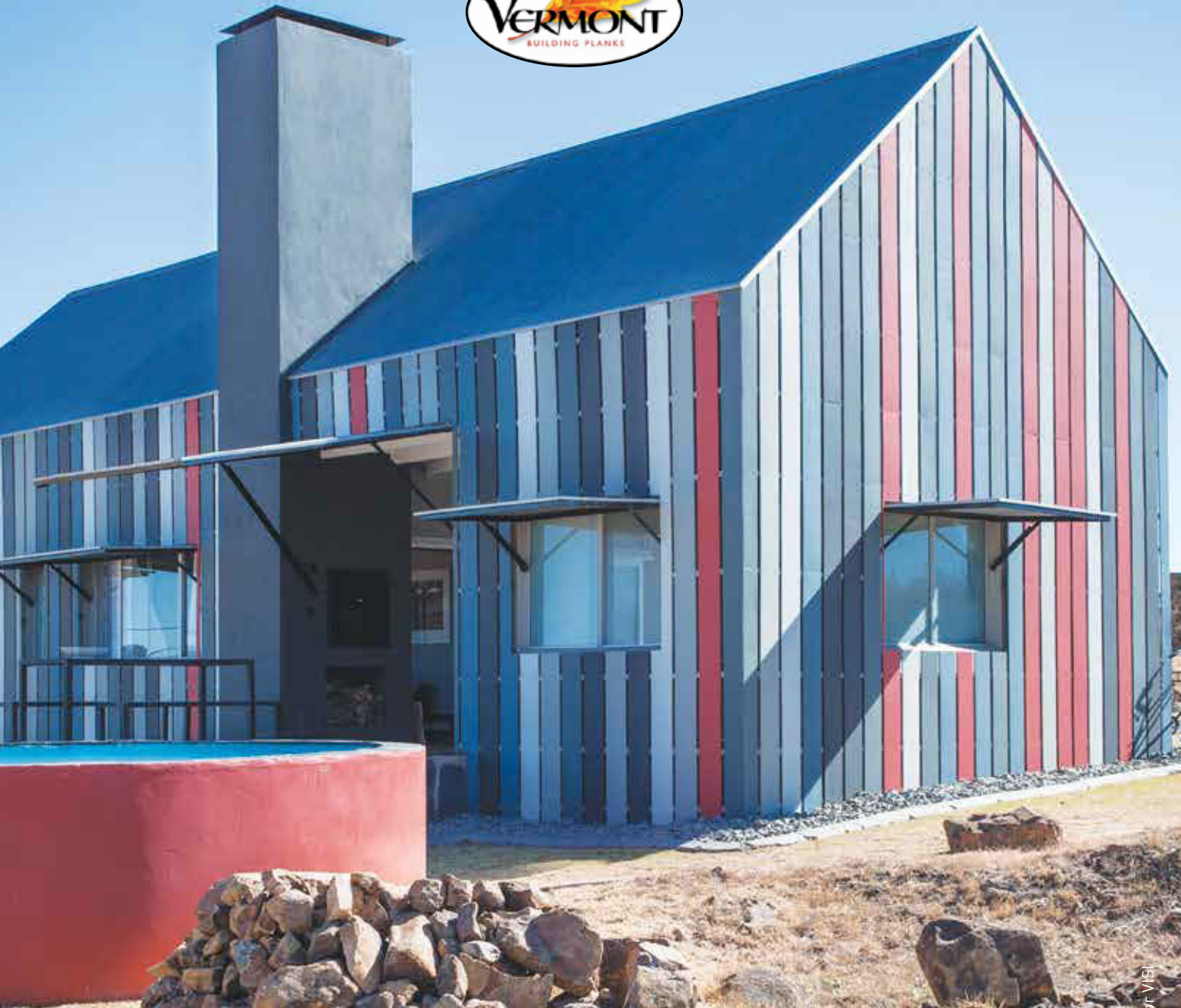
Facing Page Photo:

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”





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.





Nutec[®]
ROOFING AND CLADDING SOLUTIONS

Lasting Strength with Fibre Cement

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www.everite.co.za

Manufactured by
EVERITE[®]
Established in 1941

A subsidiary of
 **GROUP FIVE**
structured ingenuity

