



Taking care of detail

Viking Dec-K-ing

Decks you live on





Viking Dec-K-ing is an all-in-one hard-wearing, aesthetic waterproofing PVC sheet membrane system - ideal for decks above living areas, apartments and facilities requiring maximum underfoot grip in areas such as ramps and walkways.

Underfoot Comfort

The Viking Dec-K-ing waterproof membrane offers an anti-slip (embossed) surface to enhance traction underfoot. In warmer conditions it has less propensity to heat up than other deck surfaces.

Weldable Joints

Viking Dec-K-ing PVC membrane sheets are heat welded with 25mm lapped seams providing reassurance that the system will be watertight.

Low maintenance

Life is too busy to worry about re-staining or constantly scrubbing your deck. A Viking Dec-K-ing surface offers some mildew resistance therefore requiring minimal cleaning with a bristle brush, detergent and water - leaving more time to relax.

Aesthetically Pleasing

When building a new home, renovating an existing one or simply upgrading your deck, choosing the right decking solution is important to the final look-and-feel of your home or building. Viking Dec-K-ing is available in 5 attractive earthy colours, each sufficiently versatile to work nicely with most residential and commercial decors.

Durability

Directional Stability

With changes in weather temperatures, building structures and deck substrates (especially plywood) contract and expand. This movement has caused splitting and leaking in other membrane systems. This is avoided with: Viking Dec-K-ing's flexibility; its embedded reinforcing mesh scrim in the sheet; and its heat-weldable seam technology.

Puncture Resistance

The technology that goes into the manufacture of Viking Dec-K-ing is the same as that developed for the deck surfaces of pleasure craft boats - for handling regular rugged treatment from fishing rods, petrol tanks, and even anchors. Accordingly, the above-mentioned polyester reinforcing mesh scrim provides the membrane sheet with an extremely high resistance to puncturing - ideally suited to a deck surface which families live on.

Wear Resistance

Along the same lines, the embossed PVC surface of a Viking Dec-K-ing membrane provides a hard-wearing surface made to forgive the kind of scraping and scuffing that comes from the movement of barbecues, pot plants, umbrella stands, tables and chairs to name a few.

UV Resistance

Alongside its physical properties, Viking Dec-K-ing has been performing admirably in the vicious New Zealand UV since the early 90s.



Peace of Mind

Viking Dec-K-ing is BRANZ appraised. BRANZ performs an independent assessment by reviewing and testing the quality of the complete system.

This establishes its ability to handle the toughest of New Zealand conditions; meet the New Zealand Building Code requirements; and provide peace of mind to the end-user.

Installation

Viking Dec-K-ing is not a commodity ‘off the shelf’ product. It’s a complete system that can only be accessed and installed by a trained Viking Approved Applicator – skilled in the installation of heat weldable sheet membranes.

Warranties

Viking Dec-K-ing is covered by a 20 year Product Warranty.

Dec-K-ing installations over 80m2 could be eligible for a Viking Full System Warranty which coordinates coverage of both the materials and installation direct from Viking Roofspec to the building owner under one document for the full 20 years. The buck stops with Viking Roofspec.

Where can Dec-K-ing be installed?

Ideally suited for coastal conditions (as the salt air does not affect the membrane), Viking Dec-K-ing can be installed over treated flooring grade plywood (minimum 17mm thick), concrete, fibreglass and fibre cement.

Although more prominent in the residential sector, Viking Dec-K-ing has also been successfully applied in a number of multi-unit apartment and commercial situations such as surf clubs, schools and other institutions requiring an attractive, hard-wearing waterproofing system with maximum grip underfoot on areas such as ramps and walkways.

Accessories

To complement the Dec-K-ing finish, a range of accessories including matching weldable internal and external flashings, scupper drains, fastening bars and drains are available.

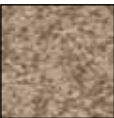
All of these accessories have been subjected to rigorous testing and quality controls to ensure the best quality product is available for your finished deck.

Product Specifications

Thickness	1.5mm
Roll Width	1.83m wide (except for Sandy Granite @ 1.78m)
Accessories	Viking Dec-K-ing scupper drain Fastening bar Internal & external flashings Deck drains
Material	PVC waterproofing membrane – single-ply sheet reinforced with a polyester fabric mat
Code and Colours	SDA207 Sandy Landau Grey SDA212 Sandy Pearl SDA217 Stonehenge SDA245 Fawn SDA237 Sany Granite



Sandy Landau Grey



Fawn



Sandy Pearl



Sandy Granite



Stonehenge





CaseStudy



Dec-K-ing Enjoys the Sea Views – Apartment, Mt Maunganui

The roof of an upmarket Mount Maunganui apartment also serves as a wonderful viewing platform overlooking the Pacific Ocean from 6 floors up.

Challenge

By early 2009, the apartment's tired butyl rubber membrane roof was beginning to oxidize - a condition more commonly known as "chalking-off". Not only was this old butyl struggling with the intense UV, the membrane (being black) had a propensity to become extremely hot; putting undue pressure on the air-conditioning requirements (and therefore energy costs) of the building. Additionally, the messy black butyl powder from this chalking-off was beginning to rub off onto the apartment owner's (and their guest's) feet when they went onto the roof to enjoy the view.

The Body Corporate had installed some artificial grass on top of the butyl to alleviate these issues. Despite marginal success, this was acknowledged as a bit of an "apologetic" strategy – certainly not in keeping with the quality and location of the building.

Solution

The head of the Body Corporate contacted a local Bay of Plenty Viking Membrane Approved Applicator for suggestions as to where she could find an attractive membrane system that was sufficiently durable to withstand New Zealand's tough climatic and UV conditions.

The Applicator immediately proposed Viking Dec-K-ing and then put her in touch with our Viking Roofspec Territory Manager who explained that a Viking Dec-K-ing Membrane system not only possessed the above properties but was also:

- BRANZAppraised;
- heat-welded at its seams for maximum water-tightness;
- cool underfoot;
- embossed for maximum grip;
- mesh reinforced for puncture resistance;

...she knew her quest to find the ultimate decking waterproofing solution had come to an end.

Viking Full System Warranty

Further reinforcement came from the apartment's eligibility for a Viking Full System Warranty due to the size of roof. A Full System Warranty is one document covering both materials and workmanship for 20 years. The Body Corporate's knowledge that the materials supplier would warrant both the materials and installation – coordinated in the one document for 20 years (no matter what happened to the application company during this period), gave them great peace of mind. The buck would stop with the supplier until 2029.

Installation

The Viking Approved Applicator faced several challenges. The first one being the weather. Being winter time, Viking's Technical Specialist insisted that once the butyl rubber had been removed and disposed of, the porous concrete substrate would need to be coated with Aquaguard 101 to seal its surface. This would prevent the need for expensive down-time to dry out the substrate after each rainfall during the installation period.

But before they could apply the sealant, they faced the challenge of having to smooth the extremely rough texture of the concrete. If not dealt with prior to laying, this roughness would show through the surface of the membrane.

Once the substrate had been diamond-ground and then sealed with Aquaguard 101, the application team successfully installed approximately 500 m2 of Viking Dec-K-ing (between periods of appalling weather).

The Result

The Body Corporate members are delighted with their wonderful new roof which allows them to entertain guests and view the ocean on a robust, but more importantly, watertight membrane; the aesthetics of which are in-keeping with the quality and location of the building.



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