



DEC-K-ING®
Viking

decks you
can live on

Roofspec
Viking

Taking care of detail

www.vikingroofspec.co.nz



Viking Dec-K-ing: **relax... we've got it covered**

Viking Dec-K-ing is an all-in-one hard-wearing, aesthetic waterproofing vinyl sheet membrane, providing the ultimate underfoot finish and waterproofing for decks above living areas.

Originally designed in the 1980s for the marine industry (boat decks), its robust nature and heat-weldable seam technology deemed it an attractive option for the construction sector to the point that it's now installed on homes and buildings all over the world.

Underfoot Comfort

The Viking Dec-K-ing waterproofing membrane offers an embossed surface to enhance traction underfoot. In warmer conditions, it has a propensity to take a lot longer to heat up than other deck surfaces.

Weldable Joints

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

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 alleviated with Dec-K-ing's flexibility through the reinforced mesh scrim embedded in the sheet and heat-weldable seam technology.

Puncture Resistance

Viking Dec-K-ing is the same product that was developed for 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 that families can live on.

Wear Resistance

The embossed vinyl 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 barbeques, pot plants, umbrella stands, tables and chairs to name a few.

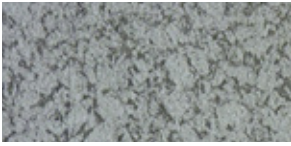
UV Resistance

Viking Dec-K-ing has been performing well against New Zealand's harsh UV since the early 1990s.

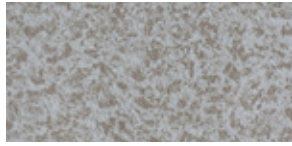
Aesthetically Pleasing

Viking Dec-K-ing is available in seven attractive, earthy patterns, each sufficiently versatile to work nicely with most residential and commercial decors.

Colours available



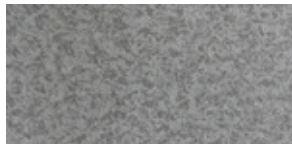
Sandy Landau Grey



Sandy Pearl



Sand Pebble



Stonehenge



Baltic



Prairie Barn



Country Cottage

Note – Please view actual material samples before making a final selection.

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, requiring minimal cleaning with a bristle brush, detergent and water – leaving more time to relax.

Installation

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

Where can Dec-K-ing be installed?

Viking Dec-K-ing is fit for most residential and commercial applications and is the ideal solution 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 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.

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.

Warranties of Substance

Viking Dec-K-ing comes with a comprehensive 20-year product warranty.

For further peace of mind, Dec-K-ing installations over 80m² may qualify for Viking's comprehensive Full System Warranty that covers both the materials and the installation in one document.

Not all warranties are equal. The Tiri Group, an established, reputable New Zealand company with an annual turnover exceeding \$300 million, backs Viking Roofspec's warranties. The Tiri Group will honour its warranties in the unlikely event of a product issue.

For more information visit our website
www.vikingroofspec.co.nz



masterspec



CASE STUDY: Viking Dec-K-ing



Sleek on the second-floor

CHALLENGE

An Auckland primary school was required to upgrade the access to its second-floor classrooms. This involved the removal of all decking, framing, stair stringers, and landings. To avoid overcomplicating the redesign and construction, it was decided to use the existing structure. This meant that a floating deck couldn't be incorporated due to lack of height below the door threshold, leaving membrane as the only option. Being a high trafficable area used by children, it was critical that the deck material was durable, grippy, relatively cool underfoot and complements the aesthetics of the surrounding buildings.

SOLUTION

Having specified Viking Dec-K-ing previously, DLM Architects knew the system was the perfect solution for the classroom accessway at Kohia Terrace School.

After seeking technical assistance from the Viking team around post and balustrade detailing and how to dress the membrane around other junctions, the project was handed over to the construction team and Viking Approved Applicator for membrane installation.

Viking Dec-K-ing requires a unique and specific method of preparation for plywood substrates prior to membrane installation. It's also imperative the substrate is inspected prior to membrane installation, ticking all the boxes of Viking's

comprehensive substrate checklist. This ensures a smooth, flush, finish of the substrate for the membrane to adhere to, preventing the membrane from potentially protruding upwards above the plywood joints during seasonal building movement.

Once the substrate was signed off, the doors and cladding were removed to dress the membrane up and under the framing and walls, as per Viking Roofspec's specification. Additionally, as with any patterned membrane, it was essential that the licensed installers took extra care pattern matching; making the laps as unnoticeable as possible.

RESULT

All stakeholders could not be more thrilled with the result. The installation of the new deck went smoothly, and the workmanship of the Approved Applicator is of the highest standard. The new walkways to the classrooms are watertight, child-friendly, aesthetically pleasing, and are already standing up to the scuffs and scrapes from the odd thrown school bag or cricket bat; while managing Auckland's never-ending wet weather.

BRANZ Appraised (Appraisal No. 411), Viking Dec-K-ing can only be installed by a Viking Approved Applicator and is backed by a 20-year product warranty.

Early Childhood Learning Centre

THE CHALLENGE

The owners of a new early childcare centre in Auckland had the challenge of creating an outdoor space that was suitable for toddlers, while ensuring the internal spaces below remained watertight. The membrane specified for the deck area needed to be functional while serving a different purpose than normal – a safe playground surface for children. It was vital to the owners that the membrane solution was trafficable, so that they wouldn't have the extra expense of putting a floating deck over the top. The other reason for avoiding a floating deck, was to minimise any build-up of sediment or spillages from the kids activities under the deck.

It was vital that the 83m² flat area was durable; ideal for constant foot traffic from 8am to 5pm, five days a week, and safe to play on – cooler under foot than traditional deck surfaces such as timber; pavers or tiles, and more comfortable on the hands and knees of toddlers as they crawl around.

THE SOLUTION

After consulting with a Viking Technical Manager, Viking Dec-K-ing (a PVC sheet membrane) was recommended seeing its physical properties met the unique requirements:

- Viking Dec-K-ing doesn't retain as much heat as other materials. Seeing the space is a play area for children, the surface needs to be comfortable and grippy under foot
- Viking Dec-K-ing membrane is one of the very few all-in-one waterproofing; aesthetic; and trafficable sheet membranes on the market
- Being low maintenance, Viking Dec-K-ing is easy to clean (soapy wash with soft broom)– perfect for messy toddlers
- Puncture and wear resistant; making the area safe to use no matter the weather conditions – durable and robust all year round.

The childhood centre doesn't have a simple deck space; having been designed with internal gutters. For this to remain child safe, all internal gutters needed to be covered, which was done with Viking Buzon pedestals supporting a narrow floating deck.



This ensured a smooth, flat transition without any trip-hazards.

Viking Dec-K-ing is a complete system with proprietary heat-weldable flashing accessories which assist the installation of the membrane; making it easier to detail penetrations and transitions, limiting human error and therefore maximising watertightness.

Additionally, Viking Dec-K-ing adds design flare to the project. The selected pattern for this childcare centre, 'Country Cottage', provided a sophisticated yet rustic style for the outdoor area. This warm timber pattern boasts a stylish look without the need for maintenance.

"The wide selection of Dec-k-ing finishes and colours allowed us to pick a plank style look, that turned out great and compliments the modern look of the building." – Adrian Bosch, Project Manager and Building Owner

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THE RESULT

The childcare owners were thoroughly impressed with the support Viking offered throughout the specification and installation process – especially when it came to detailing the job for the building consent. They also applaud the Viking Approved Applicator who did a "top notch job" and are really happy with the final look.



**Contact us here
to meet your needs**

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