

Viking Dec-K-ing

Version: 1.2

Plywood

Date Started	
Approved Applicator Company	
Viking Licenced Installer	
Project Name & Address	
Main Contractor	
Membrane Type	
Add any notes or comments:	

- Framing supports at 400mm centres (in one direction). All plywood edges must also be supported. **Do not use tongue and groove plywood**
- Minimum thickness 17mm, F8, CCA or MCA H3.2 treated, square edge structural plywood (not LOSP treated). CD grade with the sanded C face upwards
- Plywood must be structural grade complying with AS/NZ 2269.0:2012. Face veneers must be of a minimum 2.4mm thickness (1.72mm post sanding). Product ID will read 17-24-7 (17mm thick) (face veneer mm x 10) (number of veneers)
- Plywood laid with face grain at right angles to supports. All sheet joints must be made on a single timber support to minimise the chance of movement between sheets
- Plywood is to be laid with staggered joints in a brick-bond pattern. Apply with a continuous bead of Holdfast Gorilla Grip 2 Hour-Cure Construction Adhesive on top of timber supports
- Sheet edges are to be carefully glued together with a continuous bead of Holdfast Gorilla Grip 2 Hour-Cure Construction Adhesive (no spot gluing) and must be tight butt-joined. Glue must be seen to come to the top surface of the sheet joints. Once sheets have been placed together remove excess adhesive by scraping the joint with a chisel. Ensure joints and sheets are not walked on with two hours of application. When fully cured remove excess and sand all sheet joints
- Leave a 5mm expansion gap around the perimeter of the plane. This fixing specification allows for a maximum 50m2 without expansion joints (dependent on design). 5mm expansion joints should be allowed for areas over 50m2. For further information regarding placement of expansion joints for your design, please contact Viking Roofspec
- Plywood screw-fixed with 10g x 50mm S/S counter-sunk screws at 150mm centres at all sheet edges and 200mm centres throughout the body of the sheet. All screws to be counter sunk 1-2mm
- Chamfer all external edges with a minimum radius of 10mm
- Plywood is to be kept dry at all times during construction. Blow/torch drying the plywood surface prior to membrane application does not comply. Plywood and framing supports to be 20% moisture content when membrane is adhered
- All outlets and overflows are membrane compatible. Outlets must have Clamped Grates or Dec-K-ing weldable components
- Ensure compliant falls. E2/AS1 8.5.1. limitations state 2° for roofs (1:30 or 34mm/mt), 1.5° for decks (1:40 or 25mm/mt) and 1:100 (10mm/mt) for internal gutters

NOTES:

- Please ensure you have ordered the correct membrane colour for your project
- Cover the substrate to keep it dry, ensuring the waterproofing membrane can be installed when needed. Communicate early with your Viking Approved Applicator on the project scheduling to ensure weather exposure is kept to a minimum
- Correct substrate installation is critical to durability and performance of the membrane
- Failure to strictly comply with substrate specification may affect product warranty. Refer to Viking Dec-K-ing Product Warranty for further details
- The Viking Dec-K-ing Specification works to control substrate movement where possible. Substrate movement may occur due to several factors, including incorrect substrate installation, seasonal conditions or within the design for substrate expansion allowance. Movement of substrate can produce a wrinkle or 'Tenting' in all types of membrane. As it is created by movement of the substrate itself this is not a product fault of Dec-K-ing and as such, is not covered under the product warranty; however, the durability and waterproofing guarantee for Dec-K-ing is not affected if Tenting is exhibited.
- *Viking DecKing is a cold roof style membrane system subject to venting: E2/AS1 notes: Closed-in construction spaces under membrane roofs and decks require adequate ventilation to prevent the accumulation of moisture under the membrane. Maintain a minimum gap of 20 mm between the underside of the substrate and any insulation, and for membrane roofs greater than 40 m², refer to manufacturer's details for substrate vent options.*
- *For cold roof construction, adequate cross flow ventilation must be allowed for. The substrate must be directly fixed to structural members to avoid substrate movement telegraphing through the membrane.*
- All construction should comply with the New Zealand Building Code. Contact your local council for further advice

Information regarding our products, specifications and warranties is available at www.vikingroofspec.co.nz If you have a query regarding this substrate specification, please call Viking on 0800 729 799

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