

- 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 H3.2 treated, square edge structural plywood (not LOSP treated). CD grade with the sanded C face upwards
- 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 5mm-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 be 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**
** 2° is required for waterproof decks in Auckland*
- Please ensure you have ordered the correct membrane colour for your project

NOTES:

- 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.
- All construction should comply with the New Zealand Building Code. Contact your local council for further advice
- Communication between the Applicator and Construction Company will assist to ensure specification is met
- 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**