

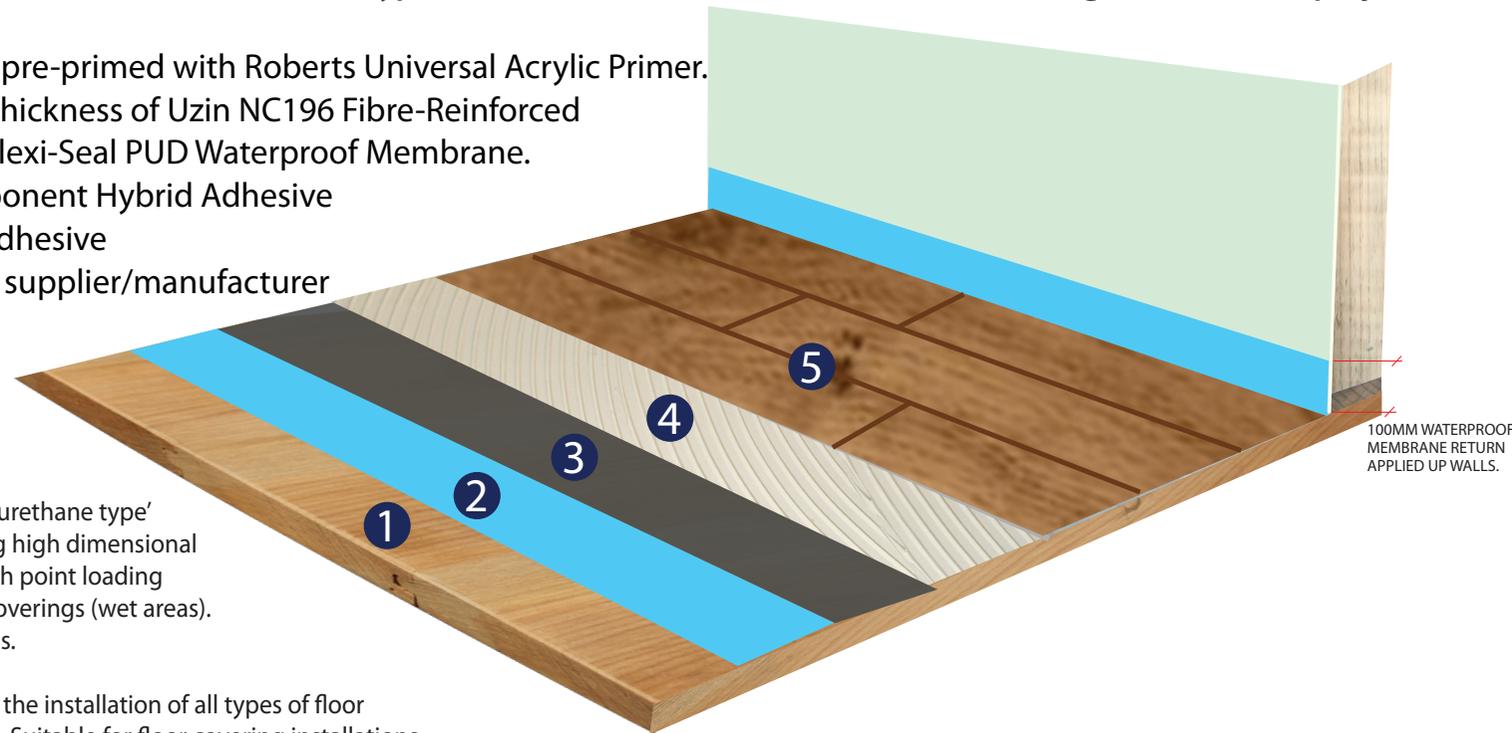
# LUXURY VINYL TILE (LVT) ON TIMBER SUBFLOORS WET ROOMS CONTAINMENT INSTALLATION SYSTEM

## ALTERNATIVE SOLUTION- E3/AS1 BUILDING CODE - INTERNAL MOISTURE FOR FINISHES TO FLOORS:

Containment - water from accidental overflow from a sanitary fixture that “could damage an adjoining household unit or other property”. The affected areas are defined as having a sanitary Fixing (e.g. toilet, sink, shower or bath) or sanitary appliance (e.g. washing machine or dishwasher.)

*Must be read in conjunction with E3/AS1 November 4th 2021 Building Code. The following information is based on adhesive performance only to assist in the Alternative Solutions options for the installer. It is essential the LVT supplier provides their own documentation as to the floorcoverings suitability as required by E3/AS1.*

- 1 Composite Timber Subfloor Sheet Type: Particle Board/Plywood/Strandfloor.  
**NB: For Cross Laminate Timber (CLT)/Parallel Laminated Timber (PLT) Type Construction Panel Subfloors: Contact Gilt Edge Technical for project specific system advice and selections.**
- 2 RLA Flexi-Seal P.U.D. Waterproof Membrane pre-primed with Roberts Universal Acrylic Primer.
- 3 PE650 flexible primer with minimum 3mm thickness of Uzin NC196 Fibre-Reinforced Levelling Compound applied over primed Flexi-Seal PUD Waterproof Membrane.
- 4 **ADHESIVE OPTION 1:** UZIN KE68T 1- Component Hybrid Adhesive  
**ADHESIVE OPTION 2:** UZIN KR430 2-Part Adhesive
- 5 Luxury Vinyl Tile (LVT) as Specified: Refer to supplier/manufacturer regarding E3/AS1 code compliance.



Uzin KE68T adhesive is a single component high performance ‘urethane type’ adhesive that is suited to a large range of installations requiring high dimensional stability in extreme conditions such as sun-drenched areas, high point loading and areas requiring water-resistance from the top of the floorcoverings (wet areas). Uzin KE68T adhesive is suited to installations on floors and walls.

UZIN KR 430 is a 2-component polyurethane adhesive ideal for the installation of all types of floor coverings that demand reliable bonding in extreme conditions. Suitable for floor covering installations subject to heavy use and rolling loads, UZIN KR 430 cures to an extremely high final strength and hardness with excellent resistance to plasticizers, surface moisture and temperature exposure.

*The Functional requirement given in the clause E3.2 is the “building must be constructed to avoid the likelihood of – (a) Fungal growth or the accumulation of contaminants on linings and other building elements; and (b) Free water overflow penetrating to an adjoining household unit; and (c) Damage to building elements being caused by the presence of moisture”.*

