



# DOME LIVING INSTALLATION GUIDE

Builder-ready, enforceable, and aligned with your warranty

VERSION 1.0 – NEW ZEALAND & PACIFIC CONDITIONS

- ✓ Following this guide is a condition of warranty cover
- ✓ Failure to follow may affect warranty claims where installation contributes to failure



## 1 PURPOSE



This Installation Guide sets out the minimum requirements for correctly installing a Dome Living structure.

## 2 SITE SELECTION REQUIREMENTS



The dome must be installed on a site that is:

- Level and stable
- Free draining (no standing water)
- Not prone to flooding
- Clear of overhanging branches
- Suitable for anchoring



### IMPORTANT:

Poor site selection (e.g. water pooling under dome) is not a product fault.

## 3 FOUNDATION REQUIREMENTS

The dome must be installed on one of the following:

### ✓ TIMBER PLATFORM (RECOMMENDED)



- Built to Dome Living Structural Timber Foundation Guide
- Minimum:
  - 21mm plywood decking
  - Joists @ max 400mm spacing
- Adequate bearer and pile support

### ✓ CONCRETE SLAB



- Flat, level surface
- Minimum thickness: 100mm
- Suitable anchoring points installed

## 4 ANCHORING REQUIREMENTS (CRITICAL)

The dome must be securely anchored to resist wind uplift.

### Minimum requirement:

- Anchor every base plate connection point

### Suitable anchoring methods:

- Coach screws into timber platform
- Dynabolts into concrete
- Ground anchors (for soil installations)

### Wind consideration:

- Standard installation suitable up to: 180 km/h winds.
- High wind zones require:
  - Additional anchoring
  - Heavier-duty fixings



### IMPORTANT:

Failure due to inadequate anchoring is not covered under warranty.

## 5 FRAME ASSEMBLY



- Assemble frame using supplied colour-coded system
- Ensure all:
  - Bolts are tightened fully
  - Connections are secure
  - No missing components



### CHECK:

Frame must be rigid before cover installation.

## 6 OUTER COVER INSTALLATION



- Install cover in calm weather conditions
- Ensure:
  - Even tension across structure
  - No sagging areas
  - All fixing points secured



### IMPORTANT:

Improper tensioning can lead to:

- Water pooling
- Premature wear
- Wind stress damage

## 7 SEALING REQUIREMENTS (VERY IMPORTANT)



All joints and penetrations must be properly sealed.

### Required:

- Use PVC-compatible sealant (contact Dome Living for approved products)

### Must seal:

- Door joins
- Window joins
- Skylight joins (if installed)
- Any penetrations (e.g. flues, cables)



### MAINTENANCE LINK:

- These seals must be:
  - Checked annually
  - Reapplied as required

## 8 GENERAL MAINTENANCE



To protect your investment and warranty cover:

- Check all fixings periodically
- Re-seal as required
- Keep drainage clear
- Clean cover with mild soap and water only
- Do not use harsh chemicals or abrasive cleaners



Dome Living recommends careful consideration in high rainfall areas.

## 9 VENTILATION REQUIREMENTS



Adequate ventilation must be provided to prevent:

- Condensation
- Internal moisture damage

### Options:

- Solar fan
- Openable windows
- Passive airflow

## 10 POST-INSTALLATION INSPECTION



After installation:

- ✓ Check all bolts and fixings
- ✓ Confirm anchoring is secure
- ✓ Inspect all seals
- ✓ Ensure cover is evenly tensioned

## 11 WEATHER EVENT CHECK REQUIREMENT



After significant weather (e.g. strong winds, heavy rain):

- Inspect:
  - Anchoring
  - Cover condition
  - Seals
- Report any issues within 14 days



Timely checks help protect your dome and maintain warranty cover.

## 12 COMPLIANCE & CONSENTS



The customer is responsible for:

- Building consents
- Local council requirements
- Use classification (habitable vs non-habitable)

## 13 INSTALLER RESPONSIBILITY

### CUSTOMER INFORMATION

This guide is provided as an installation overview only.

Full installation instructions, assembly diagrams and technical specifications are supplied to customers after purchase and deposit payment.

The complete Dome Living Installation Manual should be used during construction.

