

## Materials: Kazuba KL2

### STK - Toilet Unit

**Material:** UV protected low density polyethylene unit:

**Manufacturers Guarantee:** 2 years

**Design Life:** 30 years

### Kazuba KL2 Cabin

#### Frame

**Material:** Galvanised Steel - 50-75 years Anti Corrosion Treatment

**Design Life:** 25 Years.

#### Roof

**Material:** WBP PEFC Finnish Birch Ply. High density, north European birch plywood with a phenol external surface. This construction offers excellent stability and high UV resistance in external usage. Cut edges are treated with acrylic to prevent humidity ingress.

**Design Life:** 15 yrs min. The edge of the roof should be repainted every 3 years.

#### Cladding

**Material:** [ThermoWood](#)® is produced by heat treating Finnish grown pine to temperatures in excess of 200 degrees Centigrade. During heat treatment, chemical and structural changes occur within the timber which alter and improve some of its basic characteristics. The resulting product is an altogether more durable and stable timber, an ideal material for use in exposed areas such as external wall claddings.

**Design Life:** The heat treatment process enables the use of Scandinavian Redwood in areas requiring a service life of up to 30 years *without the need for a chemical preservative*. This is twice as long as the Class 3 treated Pine that is typically used for cladding - generally guaranteed for only 15 years against rot.

**Finish:** The exterior finish of the ThermoWood will change over time unless varnishes or stains are applied. Stains require lower frequency treatments - a vertical surface such as this would need re-staining every 3-5 years. Our cabin walls are supplied unstained.

**Environment:** ThermoWood is PEFC-certified which ensures the raw material is sourced from sustainable managed forests.

**Emissions:** TVOC (Total Volatile Organic Compounds) values are significantly lower than those for untreated softwoods due to the evaporation of most of the terpenes during heat treatment process.