

# Materials & Specifications

Every Adventure Kit is built from the same materials, to the same spec.

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## Structural ply

Kokoda F17 Slip-Resistant Hexa Formply

- F17 structural formwork ply to AS 6669:2016
- A-Bond phenolic — waterproof / boil-proof (Type A, 72-hour boil test)
- E0 low-formaldehyde emissions (AS/NZS 2098.11)
- P3 slip resistance, hexagonal textured face (AS/NZS 4586)
- 650 kg/m<sup>3</sup> · moisture content 8–15%

Used for — Cabinetry, bed platform and floor base

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## Floor vinyl

Gerflor Senso Sheet Vinyl

- Water-resistant, rated for cabin and caravan use
- Laid to Australian Standard AS 1884-2021

Used for — The floor finish

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## Floor insulation

Neolon Recycled XPE Foam

- Cross-linked, closed-cell polyethylene — recycled
- Fire retardant (ASTM 1530.3)
- Near-zero water absorption (0.00009 g/cm<sup>3</sup>)
- R-value up to 0.55 m<sup>2</sup>·K/W · rated –70°C to +110°C

Used for — Under-floor insulation

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## Wall panels

6 mm MDF

- Supplied unpainted — paint to your own finish

Used for — Wall lining

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## Door & lid hinges

Häfele 105° Soft-Close Concealed

- Full overlay, clip-on, soft-close
- Rated to 40,000 open/close cycles
- Three-way adjustable (height ±2 mm, depth –0.6 to +3 mm, lateral ±2 mm)

Used for — Wing panels and doors

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Specifications current June 2026 — subject to change as materials are updated

**Drawer slides**

DuraSlide Medium-Duty Locking

- Full-extension precision ball-bearing runners
  - Lock in both open and closed positions
  - Zinc-plated steel · load-rated up to 100 kg
- Used for — All drawers
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**Fixings**

35 mm 8g chipboard screws

- Length chosen to hold firm without splitting the ply
- Used for — Throughout
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**Adhesive**

Titebond III

- Recommended for assembly
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**Recommended mattress**

100 mm firm, plus a topper

- Or to your own preference
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**Built to be used — durability first, function second.**

Fitting a kit to your vehicle can require engineering sign-off — check with a licensed engineer and your state transport authority before you start.

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