



ABECCA by DESIGN · MENTAL HEALTH ENVIRONMENTS

Spaces that support recovery.

Anti-ligature furniture engineered for the people in your care and the people who care for them. Handcrafted in New Zealand and Australia since 1952.

RANGES COVERED

Armadillo® · Armadillo® Modular

ORIGIN

NZ & AU MADE

SINCE

1952

The environment is part of the treatment.

What surrounds a person in a mental health inpatient unit matters. The weight of a chair, the texture of a surface, the colour of a room, these aren't incidental. They are active forces in a person's experience of care.

Abecca has been making furniture for secure and therapeutic environments since 1952. Four generations of the same family, two countries, one purpose: furniture that does its job without drawing attention to itself. That keeps people safe without feeling punitive. That holds up to the demands of high-acuity environments without looking like it belongs in one.

Every piece we make starts from the same question: what does this environment need to feel like for the people living and working in it? Safety and comfort are not a trade-off. They are the same design brief.

Safety without stigma

Anti-ligature construction that is invisible to the people using it. No institutional aesthetic, no clinical coldness, furniture that belongs in a space designed for recovery.

Sensory consideration

Colour palettes chosen to reduce visual stress. Forms without sharp edges or protrusions. Weight and movement engineered for therapeutic benefit. Every detail considered.

Staff confidence

Furniture that clinical teams can trust. Wipe-clean surfaces that meet infection control requirements. Construction that withstands the unexpected without failing.

Built to last

Solid foam construction with no internal components to fail or corrode. 7-year structural warranty on the Armadillo® range. Furniture that earns its place in a capital budget.

Inpatient wards

Communal lounges, dining areas, and bedroom spaces for adult and youth mental health inpatient settings.

- Communal lounge seating
- Dining and activity areas
- Individual bedroom chairs
- High-observation rooms

Therapeutic spaces

Occupational therapy rooms, group therapy settings, and de-escalation spaces designed for active clinical programmes.

- OT and activity rooms
- Group therapy settings
- De-escalation spaces
- Sensory rooms

High-security areas

Seclusion rooms and high-observation spaces requiring the highest level of anti-ligature compliance and impact resistance.

- Seclusion rooms
- High-observation areas
- Forensic inpatient units
- Acute assessment spaces

01 Armadillo® Collection

Solid foam · LimberShield® · Anti-ligature · 7-year structural warranty

AR1 · AR10 · AR20 · AR30 · AR60 · AR72

ARMADILLO® COLLECTION · ARMLESS

Single Chair

AR1 · LimberShield® · 16kg

Width 600mm

Height 915mm

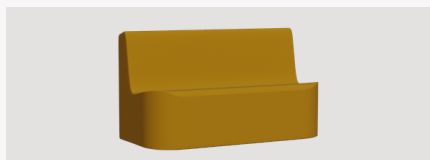
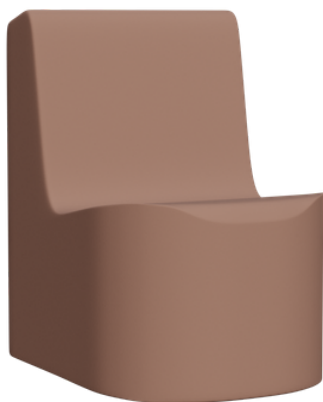
Depth 830mm

Weight 18kgs

Surface LimberShield®

Warranty 7-year structural

- Solid foam: zero components to remove or misuse
- Fully seam-free: no ligature points
- Resists misuse without looking like it does
- Rounded form: no edges or protrusions
- 12 colourways: can feel chosen, not assigned
- Hospital-grade wipe-clean throughout



ARMLESS 2 Seater Couch

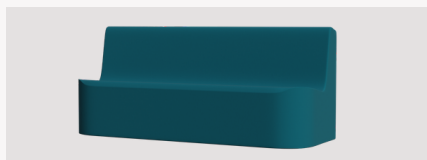
AR10 · 33kg

W 1200mm

H 915mm

D 830mm

Warranty 7 year



ARMLESS 3 Seater Couch

AR20 · 48kg

W 1800mm

H 915mm

D 830mm

Warranty 7 year



TUB CHAIR Single Tub chair

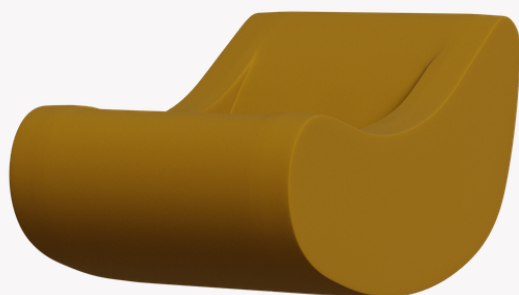
AR60 · 24kg

W 800mm

H 880mm

D 790mm

Warranty 7 year



SENSORY ROCKER

"Therapeutic motion that feels like furniture, not treatment."

The AR72 Sensory Rocker's gentle motion aids de-escalation and stress relief: providing therapeutic benefit without mechanical components. Engineered not to over-rock; motion, safe and controlled. W850 × H660 × D1400 · 31kg · 7-year structural warranty.

LimberShield®

Abecca's proprietary surface finish applied to every Armadillo® piece, waterproof, anti-bacterial, fire resistant. Triple-layer protection with 450–550% elongation range. Tested to BS 5852:2006 and BS 7177:2008 Crib 7. Not just a finish. A commitment.

Armadillo® Collection — 12 Pantone colours



02 Armadillo® Modular Collection

OT spaces · Group therapy · Flexible programme environments · New 2026

ARM1 · ARM10

DESIGNED FOR HOW THERAPY ACTUALLY WORKS

The room
changes.

So does the furniture.

Occupational therapy doesn't happen in a fixed layout. Group sessions, individual work, activity programmes, de-escalation circles the space needs to respond to the programme, not constrain it.

The Armadillo® Modular Collection is built for exactly this. Ten fully interchangeable pieces armless, fully anti-ligature, and freely reconfigurable without tools. Any piece connects to any other in any configuration. The layout changes between sessions in minutes.

The same solid foam construction and LimberShield® finish as the Armadillo® Collection. A therapeutic colour palette chosen specifically to support calm, reduce visual stress, and create a welcoming atmosphere in group and activity spaces.

Reconfigures between sessions

Circle for group therapy, clusters for activities, rows for presentations, changed in minutes, no tools required.

Fully anti-ligature throughout

Armless design, seam-free LimberShield® surface, solid foam, no concealed points, no gaps, no components.

Supports therapeutic outcomes

Colour palette selected for sensory regulation. Low profiles encourage peer-level interaction. Form supports comfort during extended sessions.

Scales with your programme

Add pieces as needs grow. Mix configurations across multiple spaces. Individual modules adapt without full replacements.



02



ARM1
W×H×D 520×420×520
Weight 6kg



ARM2
W×H×D 520×660×720
Weight 11kg



ARM3
W×H×D 680×420×650
Weight 8kg



ARM4
W×H×D 830×660×850
Weight 16kg

Armadillo® Modular Collection, therapeutic palette

6 colours · Mix and match across configurations · Any colour at MOQ



Colours selected for therapeutic environments. Each tone reduces visual stress and supports a calm, welcoming atmosphere, appropriate for OT, group therapy, and flexible programme spaces.

We didn't just claim it. We tested it. Every Armadillo® chair is engineered to protect the people in your care and the people who care for them.

ABECCA by DESIGN · NEW ZEALAND & AUSTRALIA

Testing & Compliance

STANDARDS MET

BS 5852:2006	Fire testing for upholstered furniture source O, 1, 5 and Crib 7.
BS 7177:2008	Resistance to ignition of mattress and bed base Crib 7 high hazard.
Anti-ligature	Tested and certified for use in secure mental health and high-risk inpatient environments
Antibacterial	LimberShield® surface finish tested for antibacterial activity supports infection control protocols
Load Tested	Safe working load rigorously strength tested for high-demand environments

WHY COMPLIANCE MATTERS

Mental health inpatient environments are subject to some of the most demanding compliance requirements of any built space. Fire standards, anti-ligature certification, and infection control requirements are non-negotiable, and they need to be demonstrable at procurement, not assumed.

Every Armadillo® piece meets BS 5852:2006 and BS 7177:2008 — standards specifically requested by New Zealand and Australian health authorities and corrections procurement processes. Full test documentation is available on request and can be supplied for tender submissions.

The 7-year structural warranty on the Armadillo® Collection reflects confidence in the construction, and provides the lifecycle cost evidence that procurement and asset management teams need.

THE FULL ENVIRONMENT

"Safety considered in every room, not just the communal spaces."

From the lounge to the bedroom, Abecca's range extends to every space within a mental health inpatient unit. Anti-ligature bed bases, bedroom chairs, and sensory pieces — all carrying the same LimberShield® finish, the same compliance credentials, and the same 7-year structural warranty as our seating range. Ask us about the full Armadillo® range including beds, tables, and bedroom furniture.

Talk to our team

Let's talk about
your environment.

Every facility is different. Every programme has different needs. Our team works with clinical managers, procurement teams, and project managers across New Zealand and Australia to specify the right solution for each space, not just the nearest catalogue item.

Virtual product demonstrations are available via Microsoft Teams. We can walk your team through the full range, discuss compliance requirements, and help you build a specification that works for your brief.

NEW ZEALAND

abeccadesign.com

Request a virtual demo or specification consultation

AUSTRALIA

abeccadesign.com.au

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VIRTUAL DEMONSTRATION

Available via Microsoft Teams

Book online one business day response guaranteed