

The Mattress & Bed Base Guide

Three ranges. One purpose. Sleep surfaces engineered for the same secure, therapeutic environments as every Armadillo® piece.

ARMADILLO®

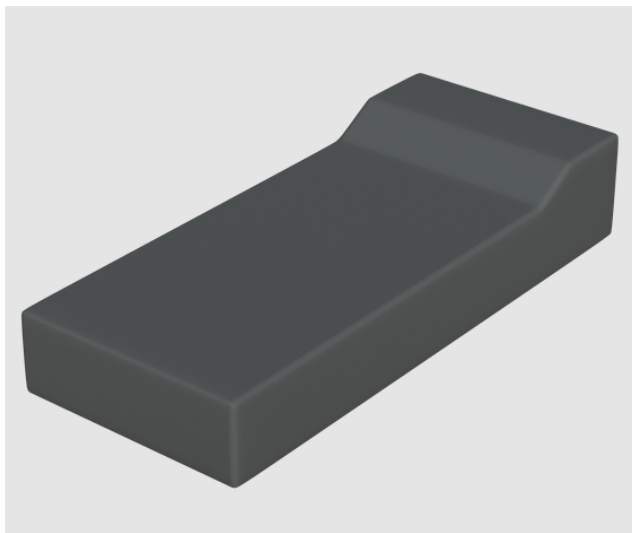
KAURI

TOTARA



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Armadillo® Mattress

Armadillo® Mattress

Built to withstand high-use environments, engineered for exceptional durability and long-term performance. No sharp edges, for a safer, ligature-resistant structure ideal for high-risk settings. Finished in LimberShield® proprietary finish for a waterproof, easy-clean surface and consistent hygiene. Available with an inbuilt pillow option. The 300mm and 450mm depths can also be used directly on the floor as an integrated mattress and bed base

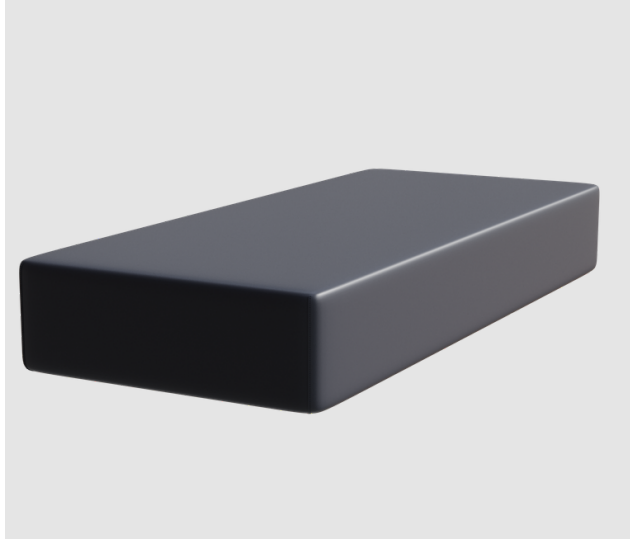
Durable & anti-ligature:	no sharp edges, engineered for exceptional durability
LimberShield® proprietary finish:	waterproof and easy to clean
BS 7177:2008 + A1:2011 (Crib 7):	fire retardant foam and fabric
Inbuilt pillow option:	available across all three depths
300mm and 450mm depths:	can be used as a bed base directly on the floor

MODEL RANGE

Depth	Variant	Order Code	Dimensions (L: W: H)	Weight
150mm				
150mm	Single	AM01	1980 × 860 × 150mm	18kg
150mm	King Single	AM01W	2200 × 1060 × 150mm	22kg
150mm	Single with Pillow	AM01P	1980 × 860 × 150mm	18kg
150mm	King Single with Pillow	AM01WP	2200 × 1060 × 150mm	22kg
300mm				
300mm	Single	AM02	1980 × 860 × 300mm	25kg
300mm	King Single	AM02W	2200 × 1060 × 300mm	31kg
300mm	Single with Pillow	AM02	1980 × 860 × 300mm	25kg
300mm	King Single with Pillow	AM02WP	2200 × 1060 × 300mm	31kg
450mm				
450mm	Single	AM03	1980 × 860 × 450mm	33kg
450mm	King Single	AM03W	2200 × 1060 × 450mm	40kg
450mm	Single with Pillow	AM03	1980 × 860 × 450mm	33kg
450mm	King Single with Pillow	AM03WP	2200 × 1060 × 450mm	40kg

Colour Options — any colour at MOQ, from the Armadillo® Collection palette





Kauri Mattress

Kauri Mattress

Engineered for high-risk environments. Medical-grade PVC fabric with 600N tear resistance, fully sealed and tamper, tear and slash resistant to reduce the risk of self-harm. No external openings, significantly reduces opportunities for concealment of contraband. Minimal-seam construction with high-frequency welded seams reinforced with stitching. Available with an inbuilt pillow, and in 300mm and 450mm integrated bed-and-mattress formats for direct floor use.

Medical-grade PVC fabric

600N tear resistance

Fully sealed:

tamper, tear and slash resistant, reducing risk of self-harm

No external openings

prevents concealment of contraband

BS 7177:2008 + A1:2011 (Crib 7):

fire retardant foam and fabric

Inbuilt pillow option::

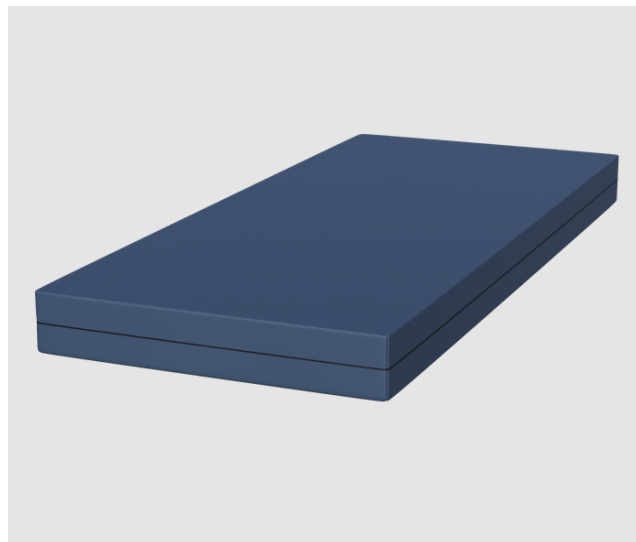
no seam across the top of the mattress

300mm and 450mm depths:

integrated bed and mattress for direct floor use, layerable with a 150mm mattress on top

MODEL RANGE

Depth	Variant	Order Code	Dimensions (L: W: H)	Weight
150mm				
150mm	Single	MHK01	1980 × 860 × 150mm	14kg
150mm	King Single	MHK01W	2200 × 1060 × 150mm	18kg
150mm	Single with Pillow	MHK01P	1980 × 860 × 150mm	15kg
150mm	King Single with Pillow	MHK01WP	2200 × 1060 × 150mm	19kg
300mm	integrated bed and mattress for direct floor use, layerable with a 150mm mattress on top			
300mm	Single	MHK02	1980 × 860 × 300mm	21kg
300mm	King Single	MHK02W	2200 × 1060 × 300mm	26kg
300mm	Single with Pillow	MHK02	1980 × 860 × 300mm	22kg
300mm	King Single with Pillow	MHK02WP	2200 × 1060 × 300mm	27kg
450mm	integrated bed and mattress for direct floor use, layerable with a 150mm mattress on top			
450mm	Single	MHK03	1980 × 860 × 450mm	28kg
450mm	King Single	MHK03W	2200 × 1060 × 450mm	34kg
450mm	Single with Pillow	MHK03	1980 × 860 × 450mm	29kg
450mm	King Single with Pillow	MHK03WP	2200 × 1060 × 450mm	35kg



Totara Mattress

Totara Mattress

Designed for medium-risk settings, offering excellent safety and hygiene at a more cost-effective level using hospital-grade fabric and foam. Breathable polyurethane, fire-retardant cover with welded seams. Water-resistant zip with slider removed and reinforced closures to prevent hidden contraband. Tamper-resistant, 4-way-turn construction to maximise lifespan.

Breathable polyurethane

Water-resistant zip:

Tamper resistant:

BS 7177:2008 + A1:2011 (Crib 7):

OEKO-TEX® approved fabric

Streamlined design:

fire-retardant cover with welded seams

slider removed, reinforced closures to prevent hidden contraband

4-way-turn mattress to maximise lifespan

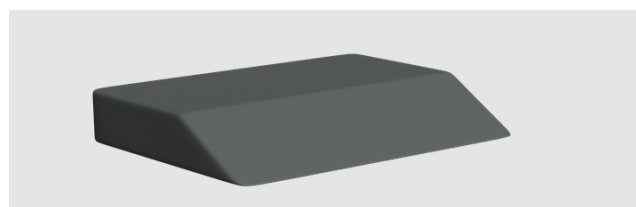
fire retardant foam and fabric

soft, safe skin contact, assists with pressure relief

supports cleaning and infection control

MODEL RANGE

Depth	Variant	Order Code	Dimensions (L: W: H)	Weight
150mm				
150mm	Single	MHT01	1980 × 860 × 150mm	14kg
150mm	King Single	MHT01W	2200 × 1060 × 150mm	18kg



Armadillo® Range

Armadillo® Pillow

Made from high-quality foam for lasting support and comfort, finished in LimberShield® proprietary finish for hygiene and easy cleaning. Seamless construction reduces maintenance and prevents bacteria build-up. Easy to move and reposition.

Product	Order Code	Dimensions (L: W: H)	Weight
Armadillo® Pillow	AP01	450 × 860 × 100mm	3kg



Kauri Range

Kauri Pillow

Medical-grade PVC fabric with 600N tear resistance. Fully sealed, tamper, tear and slash resistant. No openings, preventing concealment of contraband. High-frequency welded seams reinforced with stitching. Malleable filling: 48-litre foam chip.

Product	Order Code	Dimensions (L: W: H)	Weight
Kauri Pillow	MHP02	500 × 750mm	4kg



Totara Range

Totara Pillow

Breathable polyurethane, fire-retardant cover with welded seams. Hospital-grade fabric and foam. Water-resistant zip with slider removed and reinforced closures. Malleable filling: 48-litre foam chip. OEKO-TEX® approved fabric for safe skin contact.

Product	Order Code	Dimensions (L: W: H)	Weight
Totara Pillow	MHP01	500 × 750mm	4kg



Bed Base Collection

Armadillo® Bed Base

A foam-based, supportive structure providing a stable foundation for the mattress. Rounded, seamless edges reduce ligature risk. Finished in LimberShield® proprietary finish for a durable, waterproof, easy-clean surface. Suitable for use with all Abecca mattress ranges.

Comfortable and supportive:	foam-based structure with lasting support
Anti-ligature	rounded, seamless edges
LimberShield® proprietary finish	durable, waterproof, easy to clean
Customisable sizing	tailored to fit specific spaces on request
Suitable for use with	Armadillo, Kauri and Totara mattress ranges

MODEL RANGE

Fits	Order Code	Dimensions (L: W: H)	Weight
Abecca Single Mattress	AB01	2100 × 980 × 470mm	42kg
Abecca King Single Mattress	AB02	2140 × 1190 × 470mm	49kg

Colour Options — any colour at MOQ, from the Armadillo® Collection palette

