



ICON

HOMECARE  
MATTRESS

# Rest Assured

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Quality You Can Trust

# Rest Assured



*A real medical mattress, with a luxury,  
domestic style comfort*

The Forté Homecare ICON Mattress provides the perfect culmination of special care, unparalleled comfort and longevity for low-medium risk\* users.

The tried and trusted design of the Forté ICON offers excellent pressure injury prevention, safety, mobility and independence without compromise on exceptional user comfort, satisfaction and improved rest.

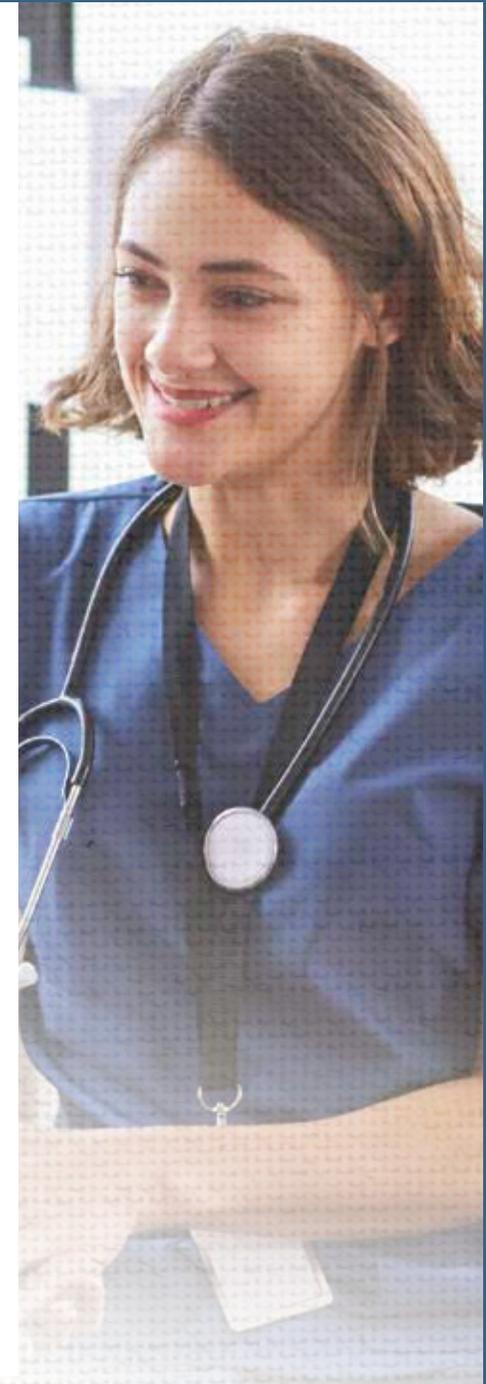
The Homecare ICON is stocked in Soft, Medium and Firm configurations and in Single, King Single, Double, Queen and Split Queen sizing. This ensures the ICON is a perfect ready-made solution.

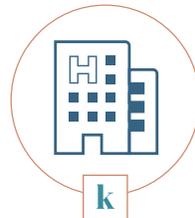
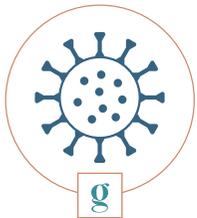
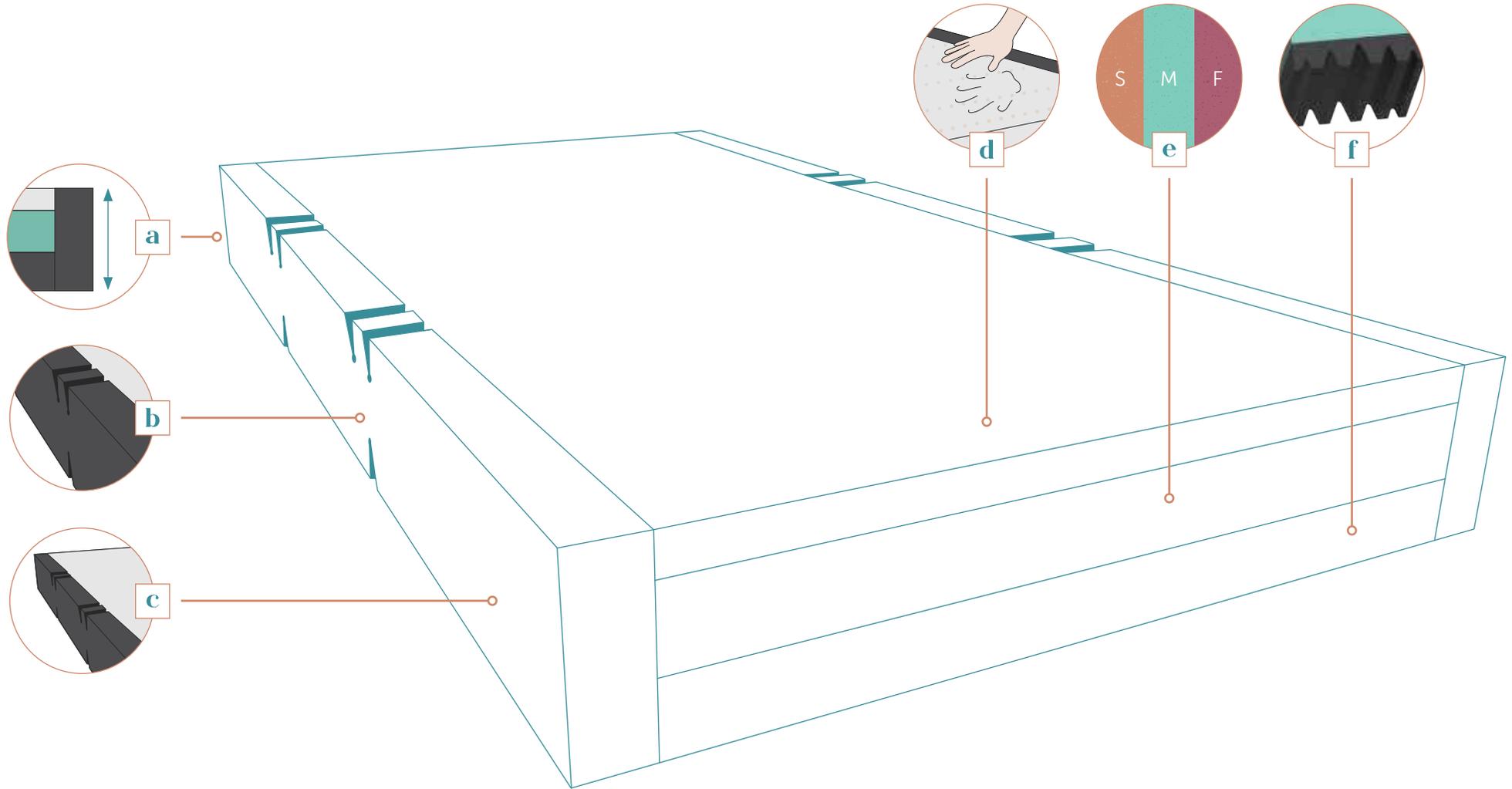
Australian made by Forté Healthcare in Armidale, the ICON range is synonymous with quality, performance, longevity and functionality and is trusted by leading Hospitals and healthcare professionals to deliver clinical results and positive outcomes.

Read more about what makes the Homecare ICON a real medical mattress.



\*In this context, 'risk' categorisation is derived from the Waterlow Scale and relates to static, reactive foam surfaces. It is not intended to factor or include Active or Reactive Air Systems.





10+  
At Risk

Pressure Care Application  
(Waterlow)

# Key Features

*Stocked in SOFT, MEDIUM & FIRM configurations*

**a**

Available in  
15 & 20cm thicknesses

**b**

Profile Hinge System allows profiling  
to electric/adjustable bed platforms

**c**

Reduce risk of falls & increase stability  
with inbuilt strengthened sides

**d**

Airoform immersion & envelopment  
comfort foam technology

**e**

High density, postural & spinal  
support comfort secondary layer

**f**

High density, sacral support foundation layer  
& engineered base with specialised hinges allows  
profiling to electric/adjustable bed platforms

**g**

Sleep healthier with Forté Evershield  
Anti-Microbial Protection

**h**

Luxury, home-style  
Pressure Care Cover

**i**

Option of waterproof  
Advantiflex Pressure Care Cover

**j**

Outstanding performance,  
proven quality

**k**

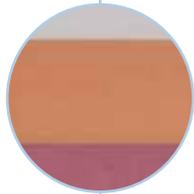
Trusted by Australia's largest hospitals  
& leading clinical professionals

**l**

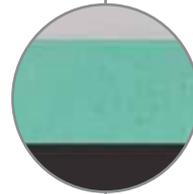
Australian made by Forté Healthcare  
in compliance with regulatory standards

# Choose your comfort

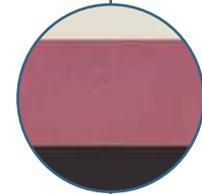
*Comfort is critical to achieving good clinical outcomes.*



— Soft —



— Medium —



— Firm —

*'Comfort Coding'*  
helps visually to easily  
distinguish between each  
different Homecare ICON  
Mattress comfort feels.

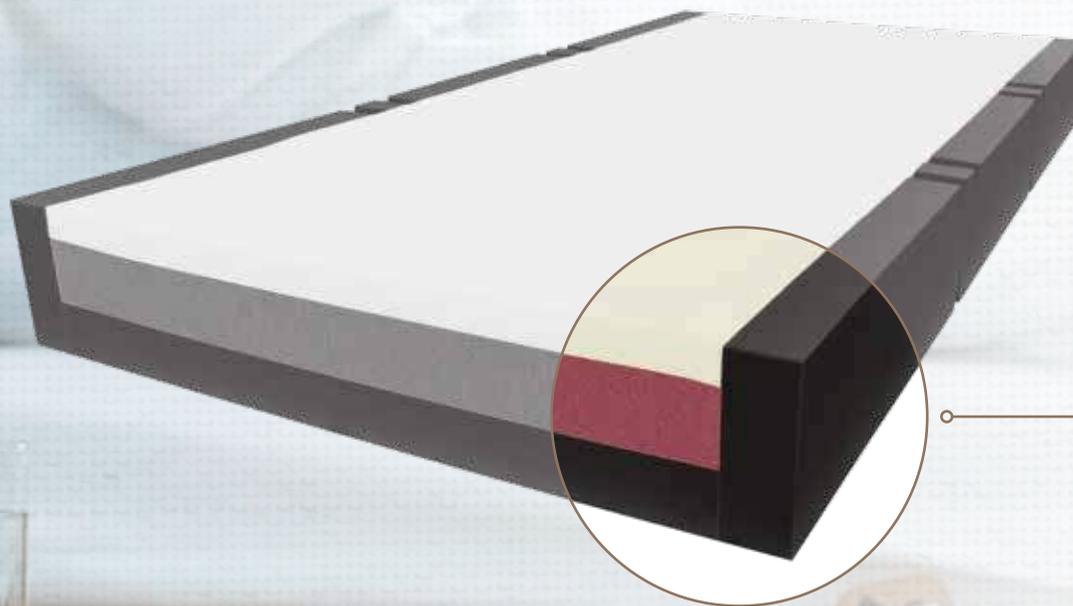


20cm

15cm



*Variable Therapeutic  
Weight Support  
available from 28kg  
right through to 300kg*



# Height Options & THEIR BENEFITS

## Option 1

### 15cm THICKNESS

- Maximises the benefit of the profiling bed base.
- Maintains correct alignment of knee elevation function by ensuring the user is not positioned too far down the bed surface.
- Provides optimal protection for users with reduced mobility considered at risk of falls.

## Option 2

### 20cm THICKNESS

- Extra thickness provides the visual appeal of a conventional residential mattress creating a homely look and feel whilst maintaining the medical performance and care synonymous with the Forté Range.
- Supports higher weight capacity whilst maintaining option of plush comfort.
- Improved longevity/performance through greater pressure displacement within the foams and reduced compression.



For product details please see our Specification Table on pages 20 - 21



# Enhanced Safety

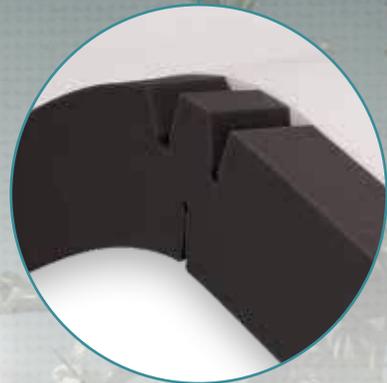
*A real medical mattress has inbuilt strengthened sides to reduce falls risk & increase stability*

## INBUILT STRENGTHENED SIDES

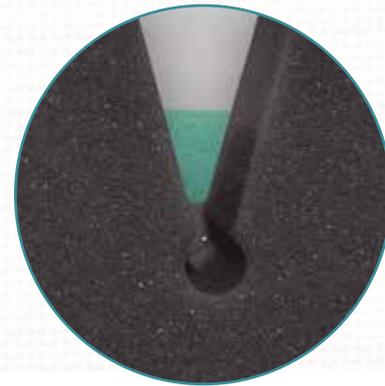
- Reduces risk of foam compression on mattress edge and subsequent user 'roll-out'.
- Firm, rigid edge provides structural support for transfer, Ingress and Egress.
- Suits the use of transfer and mobility aids such as slide boards.
- Suits users with limited strength by reducing the effort required to transition on or off sleep surface.
- Safety and security of sides brings peace of mind to clients and caregivers that they will be able rest and transfer without the mattress collapsing.

## UNIQUE PROFILE HINGE SYSTEM

- Reduces tension & compression in foam, aiding longevity.
- Allows mattress to easily articulate for maximum benefit of electronic bed function.
- Minimises the build-up of pressure areas in profiled mattresses.



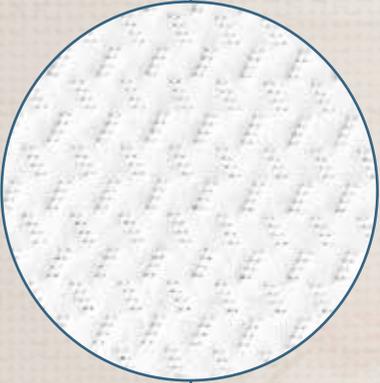
*Get the most benefit from electric bed functions with the Unique Profile Hinge System*



» Close up of Profile Hinge

**Sides = Stability, Safety, Security**





Luxury  
Breathable  
Comfortable



Printing meets  
TGA requirements  
for Class 1  
Medical Devices

# Luxury Cover

## LUXURY, HOME-STYLE PRESSURE CARE COVER

- Standard cover on the Forté Homecare ICON.
- Looks and feels comparable to a conventional residential mattress.
- 4-Way stretch conforming open weave
  - » For optimal pressure redistribution, immersion and envelopment.
  - » Compliments multi-tiered foam structure.
  - » Anti-friction and anti-shearing for protection of vulnerable skin.
- Superior breathability & micro-climate
  - » Encourages air circulation which promotes healthy micro-climate conditions at the skin interface, ensuring excessive sweating is wicked away.
  - » Provides comfort especially to 'hot sleepers'.
  - » Allows moisture and humidity present within the foams to easily escape for improved foam performance and longevity.
- Integrated zipper to allow cover removal.
- Raw material manufactured and woven in Australia.
- \* Warranty: 2 Years

The Homecare ICON is supplied standard with the Luxury Homecare Cover, for Waterproof cover options please see page 14

The Luxury Quilted Homecare cover is only suitable for use when there are no incontinence concerns or risk of fluid spills. Warranty does not cover incontinence or fluid related damage.

NOTE: For product details please see our Specification Table on pages 20 - 21



# Waterproof Cover Option

## ADVANTIFLEX CLASSIC PRESSURE CARE COVER

- a** Excellent 4-Way stretch polyurethane upper material
  - » for Pressure Redistribution, Immersion and Envelopment
  - » 300-500g/m<sup>2</sup> moisture vapour permeability to maintain optimal micro-climate skin conditions
  - » Anti-Shearing
- b** Heavy-Duty, robust PVC hard wearing base
  - » Suited to wide variety of bed platforms
  - » Ensures cover longevity
- c** Smooth, easy wipe-clean surface.
- d** Integrated zipper for cover removal.
- e** High frequency sealed and welded seams for superior infection control.
- f** Raw material manufactured in Belgium exclusively for Forté Healthcare to unique specifications.

\* Warranty: 2 Years





*Resistant to body fluids whilst still gentle to the skin & vapour permeable*

# Foam Layers

## AIROFORM LAYER

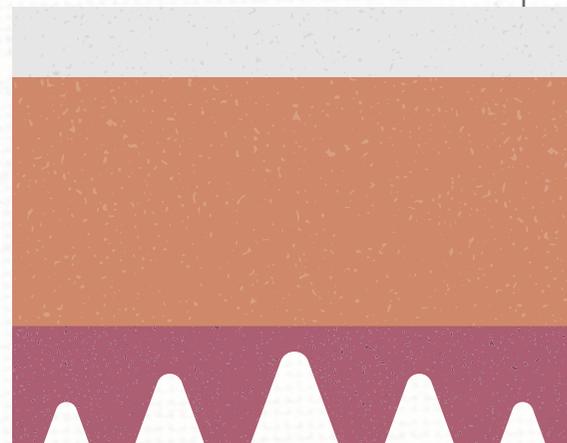
Airoform Immersion & Envelopment  
Comfort Foam Technology

## SECONDARY LAYER

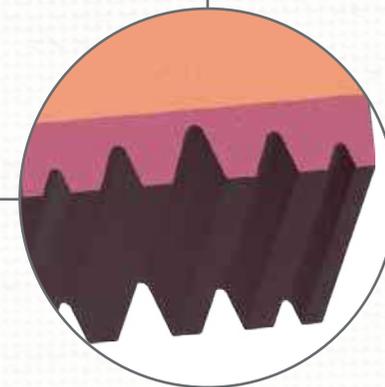
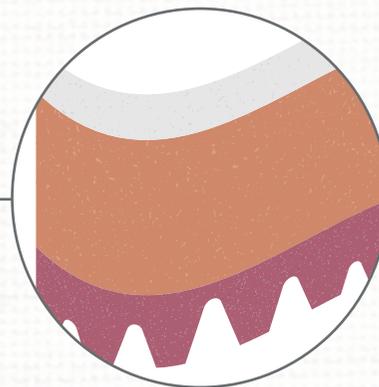
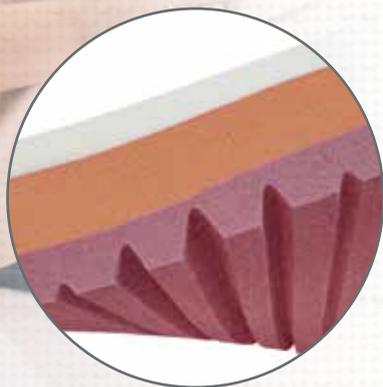
High Density, Postural  
& Spinal Support Comfort

## FOUNDATION LAYER

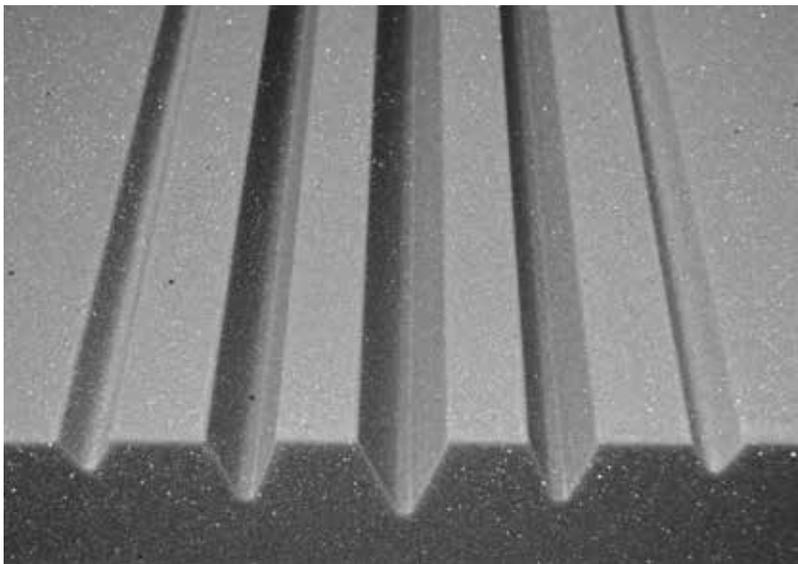
High Density, Sacral support  
with Hinges for exceptional  
profiling with bed



Partial Side Profile Inner Mattress



Hinges allow for improved contouring to any adjustable bed



## AIROFORM IMMERSION & ENVELOPMENT COMFORT FOAM TECHNOLOGY

- Provides conformity, immersion & envelopment for reduction in pressure and reduced risk of pressure injuries at bony prominences.
- Excellent structural performance, floatation and temperature stability, ensuring sustained pressure redistribution.

## HIGH DENSITY, POSTURAL & SPINAL SUPPORT COMFORT SECONDARY LAYER

- Thickness calibrated to provide good comfort transition between interface and base layer, equalising foam wear.
- Maintains structure ensuring excellent comfort.
- Facilitates repositioning and user transfer; enhancing bed mobility; and independence.
- Forté Medical Foam Technology.

## HIGH DENSITY, SACRAL SUPPORT FOUNDATION LAYER

- Ensures protection against 'bottoming-out' whilst in the seated position.
- Provides added comfort, thickness calibrated to offer excellent pressure transition and displacement.
- Supports bed mobility, transfers, and optimises independence.
- Conforms and articulates to profiling bed functions.
- Forté Medical Foam Technology.
- Inbuilt hinges for exceptional profiling with the bed.

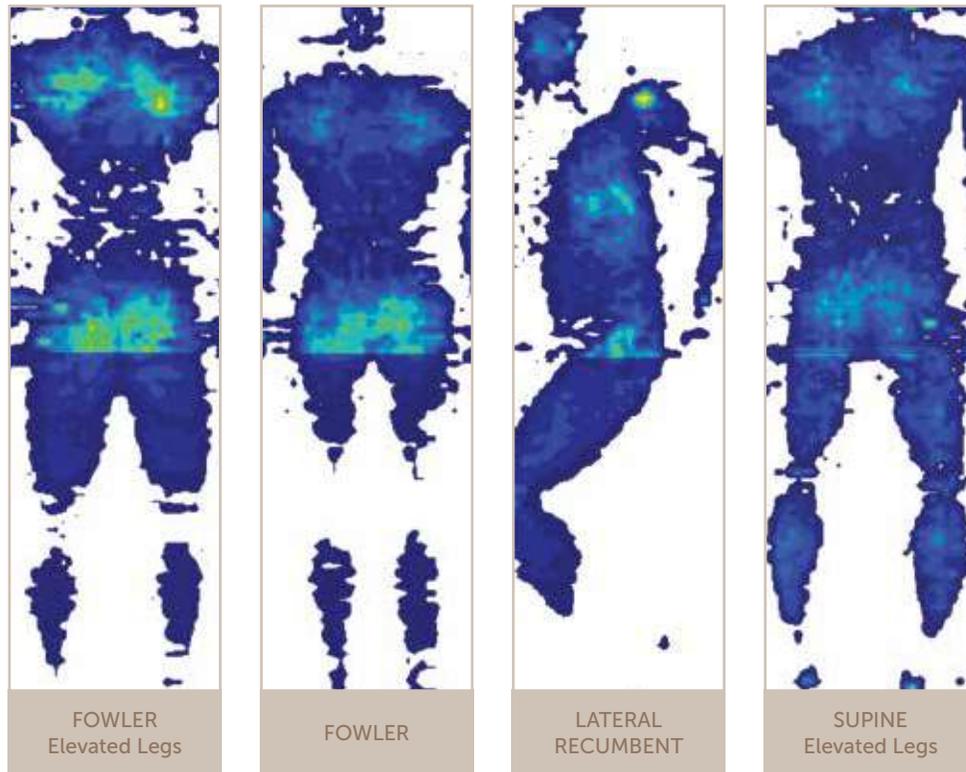


# Clinical Compliance

## FORTÉ HEALTHCARE SUPERIOR MEDICAL FOAM TECHNOLOGY

- Foams specifically formulated for use within high humidity applications, typical within Hospital applications where the mattress has low rest periods and is fitted with Moisture Vapour Permeable Covers.
- 'Humidity' treatment ensures that structural integrity of the foams remain within conditions that would otherwise have a significant degrading effect on foam performance.
- Ensures postural support is maintained for comfort.
- Prevents excessive pressure forces as result of foam collapse.
- Foams are individually sourced and selected as raw materials by Forté Healthcare from verified manufacturers within Australia, Europe and United States for guaranteed compliance to International standards.
- Forté Healthcare provide complete supply chain transparency, benefiting the user by ensuring ultimate governance on quality and raw material safety especially necessary as Medical Mattresses are used in very close physical proximity to vulnerable users.





Tekscan Pressure Measurement System 7.20C	SENSOR_TYPE 5400D	ROWS 104	MICRO_SECOND 0
SENSEL_AREA 2.89008 cm2	SECONDS_PER_FRAME 0.010319	COLS 34	UNITS mmHg

BED SURFACE	AMBIENT TEMPERATURE	DURATION	SUBJECT
Alrick: 5 Function Electric Hospital Homecare Bed	21°C	Pressure Mapping was captured after 6 hours of subject laying upon support surface	Male Weight - 98kg Height - 188cm

## PRESSURE EVALUATION

Pressure Mapping measures the interface pressure between a support surface and its user. At Forté Healthcare we use the Tekscan Pressure Measurement System, a thin and flexible sensor which ensures minimal interference to the surface performance.

The System helps to measure the pressure redistribution of a human body on the surface of our mattresses.

The images on the left demonstrate the pressure distribution of a 98kg male over a 6-hour period, shown in a variety of positions on the 'Medium Homecare ICON Mattress'.

Pressure Mapping aids us in the Research & Development of our products, allowing a close insight into areas of peak pressure on the body. Counter-control measures can therefore be taken to ensure peak pressures are successfully redistributed, thus mitigating the risk of pressure injuries.

Pressure Mapping is a commonly used tool in attaining clinical data on interface pressures, however Forté Healthcare acknowledges *"it cannot be used to conclude on internal stresses and the stress concentration levels in deep vascularized tissues, particularly muscles."*<sup>[1]</sup>

The example pressure mapping provided by Forté Healthcare is only intended for use as a clinical aid, *"rather than a replacement to clinical judgement."*<sup>[2]</sup>

[1] A. Gefen & J. Levine (2007) The false premise in measuring body-support interface pressures for preventing serious pressure ulcers, Journal of Medical Engineering & Technology, 31:5, 375-380, DOI: 10.1080/03091900601165256

[2] Dunk AM & Gardner A (2016) Body shape: a predictor for pressure injury risk, Wound Practice and Research, 24:2, 92-98, ISSN 2202-9729



# Specifications

	THICKNESS	THERAPEUTIC WEIGHT RANGE	SHORT SINGLE	LONG SINGLE	LONG KING SINGLE	LONG DOUBLE	LONG QUEEN	SPLIT QUEEN*
								
DIMENSIONS (LxW)			190x90cm	203x90cm	203x107cm	203x135cm	203x152cm	203x76cm
SOFT	15cm	130kg	ICONS15S	ICONSL15S	ICONKSL15S	ICONDL15S	ICONQL15S	ICONSQL15S
	20cm	180kg	ICONS20S	ICONSL20S	ICONKSL20S	ICONDL20S	ICONQL20S	ICONSQL20S
MEDIUM	15cm	165kg	ICONS15M	ICONSL15M	ICONKSL15M	ICONDL15M	ICONQL15M	ICONSQL15M
	20cm	200kg	ICONS20M	ICONSL20M	ICONKSL20M	ICONDL20M	ICONQL20M	ICONSQL20M
FIRM	15cm	250kg	ICONS15F	ICONSL15F	ICONKSL15F	ICONDL15F	ICONQL15F	ICONSQL15F
	20cm	300kg	ICONS20F	ICONSL20F	ICONKSL20F	ICONDL20F	ICONQL20F	ICONSQL20F

Custom size option available. Manufactured to order.

\*The split queen can be purchased with any comfort combination which ensure couples receive optimal comfort, for example Soft one side, Firm the other side.

SHEAR & FRICTION



REPOSITIONING



INFECTION CONTROL



MOISTURE & MICROCLIMATE



PERFORMANCE & LONGEVITY



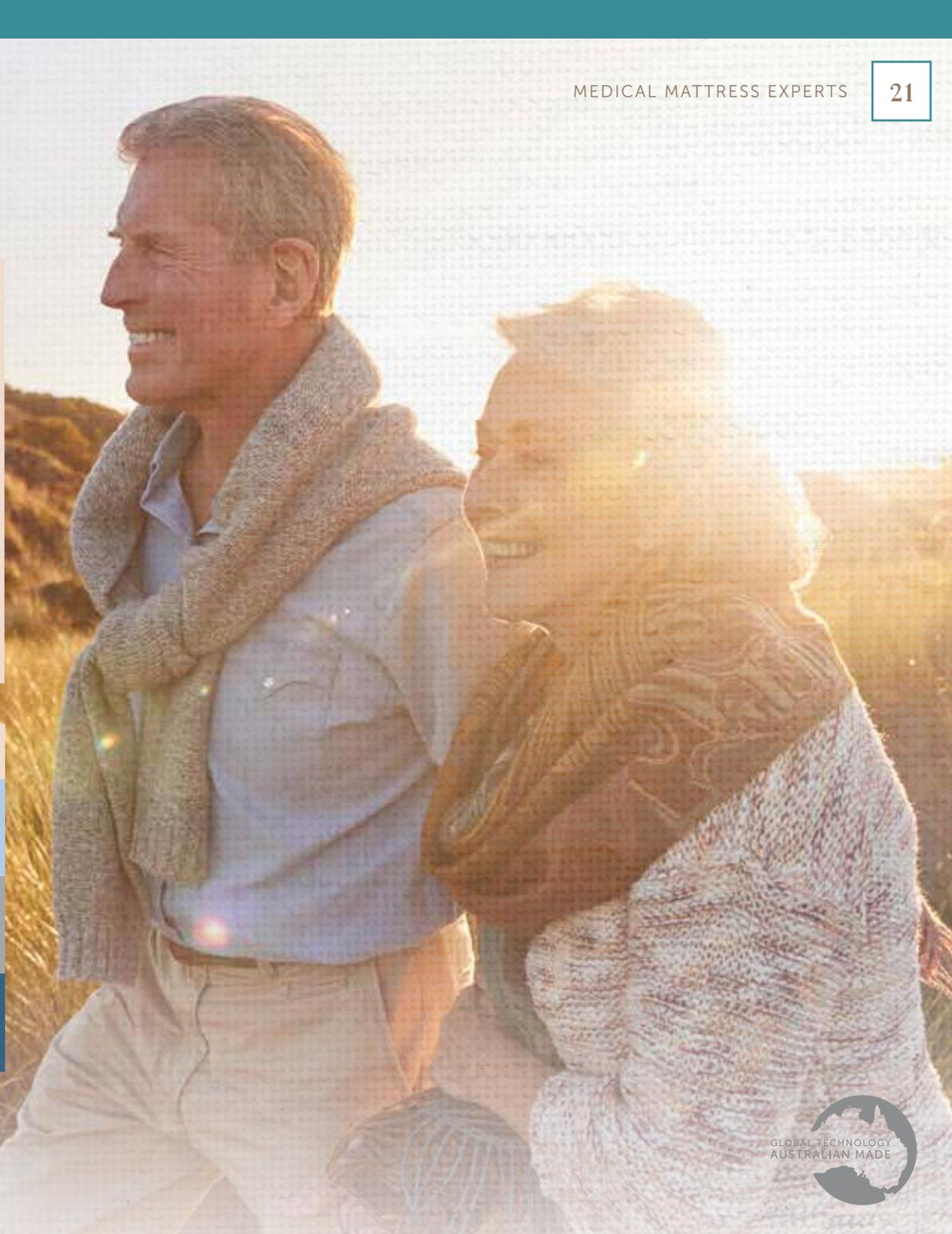
MOBILITY & FUNCTION



PRESSURE CARE RATING

LOW - MEDIUM RISK

MATTRESS	FIRMNESS
SOFT	
MEDIUM	
FIRM	



Homecare ICON mattresses are packaged in heavy duty quality cardboard for extra protection during delivery, ensuring your mattress arrives in perfect condition.

Q. Why don't you send your mattresses Vacuum Packed / Compressed?

A. Due to the nature of foam, compressing a quality foam medical mattress will significantly compromise on the performance and longevity of the mattress. Although saving money in freight and storage, when foam is over-compressed for a long period of time the cell structure will become damaged and reduce the effective life of the mattress.



# Quality You Can Trust



## OUTSTANDING PERFORMANCE, PROVEN QUALITY

- The Forté Icon is used extensively within leading Acute Hospitals\*\* as an integral part of Pressure Injury Prevention Strategies.
- Awarded to Major Hospital and Community Care Equipment Supply Contracts by State Health Jurisdictions.
- Foam Grades used are 'Specifically Formulated Medical Foam Technology' to withstand the demands and rigor of the Acute Environment.
- Advantiflex and Premiflex covers comply and withstand the demands and rigor of the Acute environment.
- The **Homecare ICON** range is manufactured by Forté Healthcare in full compliance with therapeutic product requirements including pressure injury prevention, infection control, work health and safety, repositioning & bed mobility, patient weight loading, maintaining full bed function.
- The Forté production facility in Armidale is specifically dedicated to Medical Mattress design, development and production. This ensures unrivaled expertise and process control for superior quality, value and performance.
- Exceeds Clinical Standards Recommendations such as European Pressure Ulcer Advisory Panel, National Pressure Injury Advisory Panel and Pan Pacific Pressure injury Alliance.

*(Prevention and Treatment of Pressure Ulcers/Injuries: Clinical Practice Guideline. The International Guideline. Emily Haesler (Ed.) EPUAP/NPUAP/PPPIA: 2019)*

\*\*Used within Hospitals in Advantiflex and Premiflex Cover Configurations.



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