



ICON

HOMECARE  
MATTRESS

# Rest Assured

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ICON

HOMECARE  
MATTRESS

# Rest Assured

The Forté Icon Homecare 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.

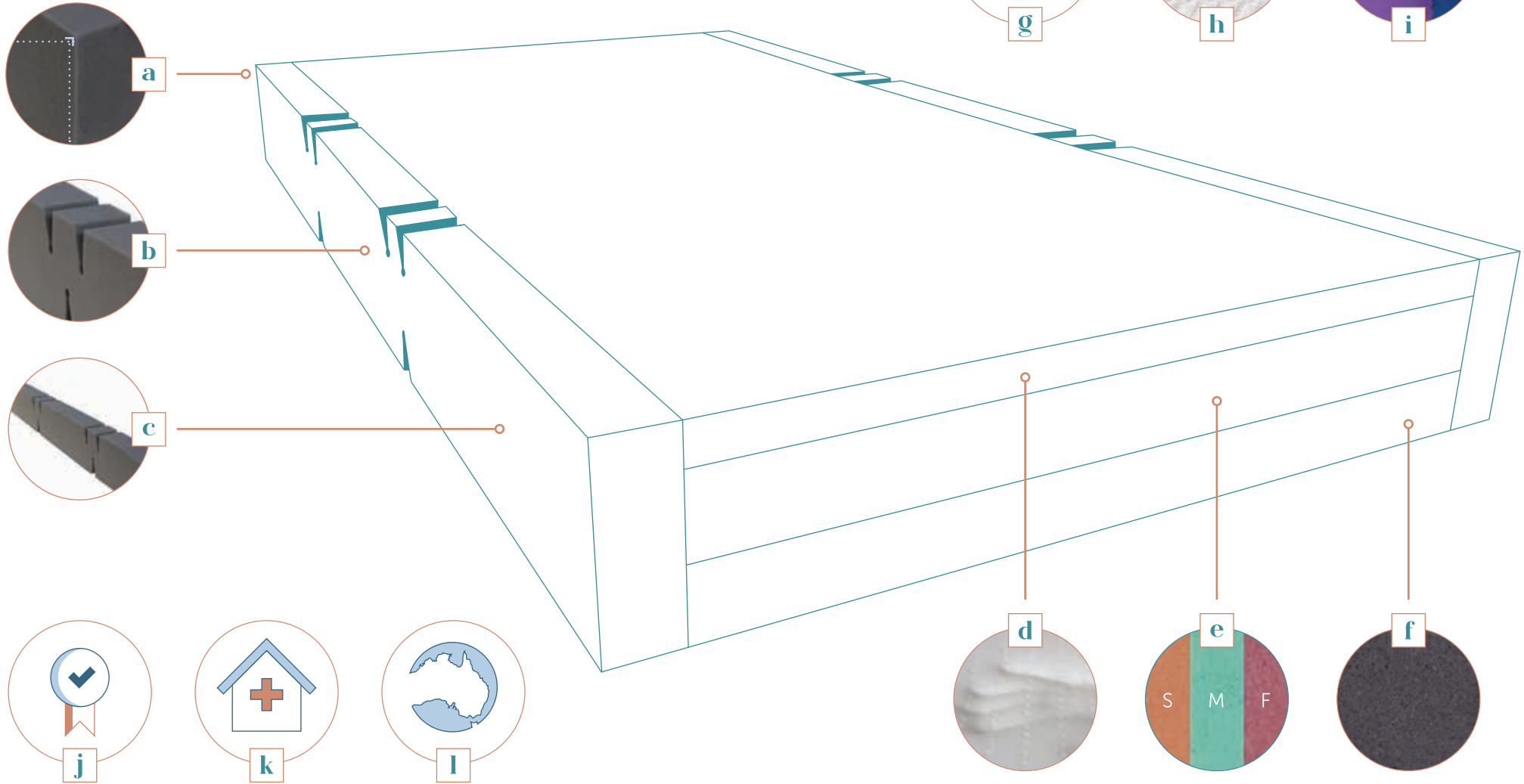
The Icon is stocked in Soft, Medium and Firm configurations and in Single, King Single, Double, Queen and Split Queen sizing.

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.

\*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.

# ICON HOMECARE MATTRESS



# Key Features

*Stocked in SOFT, MEDIUM & FIRM configurations*

<b>a</b> Available in 15 & 20cm thicknesses	<b>b</b> Profile Hinge System allows profiling to electric/adjustable bed platforms	<b>c</b> Reduce risk of falls & increase stability with inbuilt strengthened sides
<b>d</b> Airoform immersion & envelopment comfort foam technology	<b>e</b> High density, postural & spinal support comfort secondary layer	<b>f</b> High density, sacral support foundation layer
<b>g</b> Sleep healthier with Forté Evershield Anti-Microbial Protection	<b>h</b> Luxury, home-style Pressure Care Cover	<b>i</b> Option of waterproof Advantiflex or Premiflex Pressure Care Covers
<b>j</b> Outstanding performance, proven quality	<b>k</b> Trusted by Australia's largest hospitals & leading clinical professionals	<b>l</b> Australian made by Forté Healthcare in compliance with regulatory standards

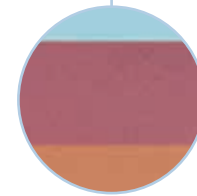
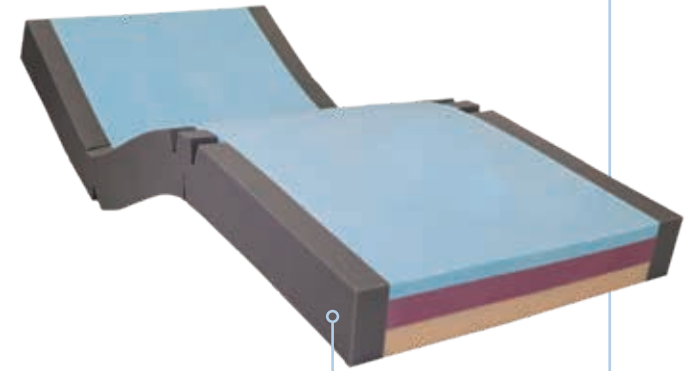
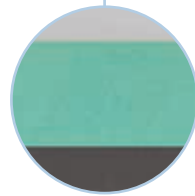
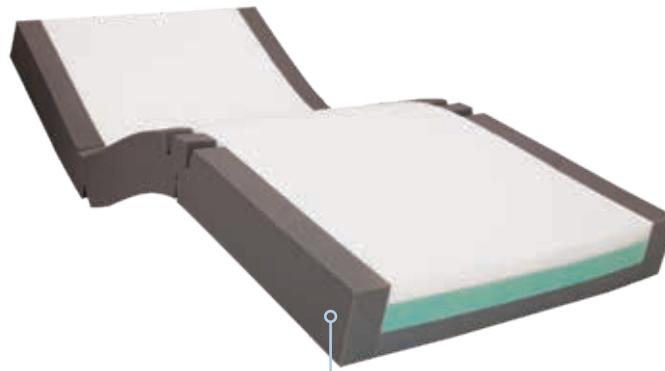
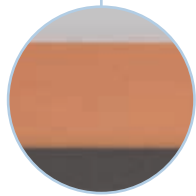
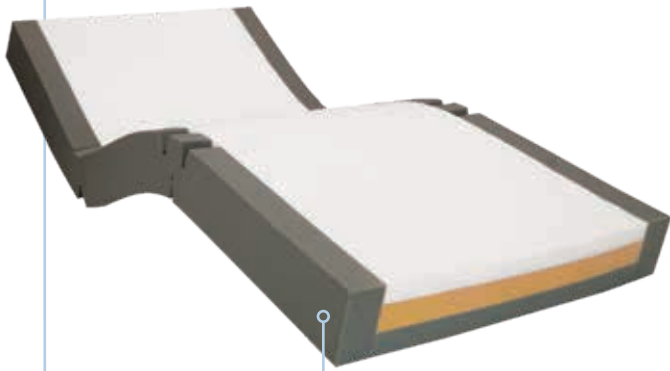
# Choose your comfort

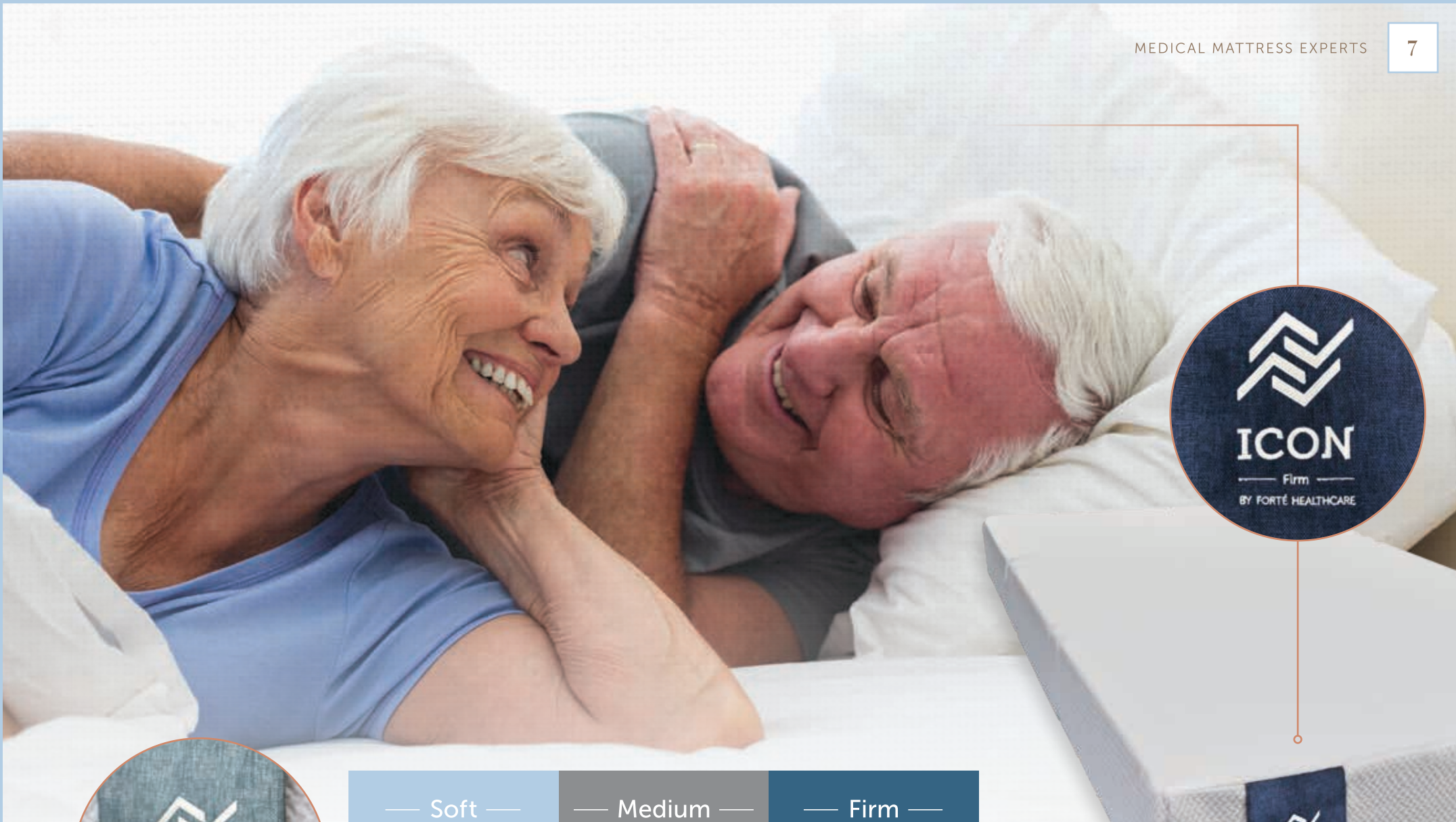
*Achieve appropriate comfort critical to good clinical outcomes.  
Variable therapeutic weight support available from 30kg right through to 250kg*

Soft

Medium

Firm





'Comfort Coding' as a visual reference to easily distinguish between each different **ICON HOMECARE MATTRESS** comfort level.

# Foam Layers

## AIROFORM LAYER

Airoform Immersion & Envelopment  
Comfort Foam Technology

## SECONDARY LAYER

High Density, Postural  
& Spinal Support Comfort

## FOUNDATION LAYER

High Density, Sacral Support





## 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.



# 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.



NOTE: For product details please see our Specification Table on p22-23

# Enhanced Stability

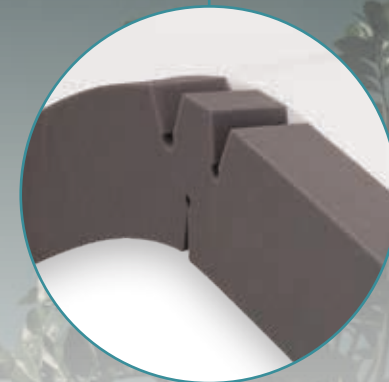
*Reduce Falls Risk & Increase Stability with Inbuilt Strengthened Sides*

## 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.

## UNIQUE PROFILE HINGE SYSTEM

- Reduces tension & compression in foam, aiding longevity.
- Allows mattress to easily articulate for maximum benefit of electronic bed function.



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



Luxury  
Breathable  
Comfortable

# Luxury Cover

## LUXURY, HOME-STYLE PRESSURE CARE COVER

- Standard cover on the Forté 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 in Australia.
- Cover material woven in Australia

*The Homecare Icon is supplied standard with the Luxury Homecare Cover, for Waterproof cover options please see pages 16 - 17*



NOTE: For product details please see our Specification Table on p22-23

# Waterproof Covers

## Option 1

### WATERPROOF ADVANTIFLEX PRESSURE CARE COVER

- a** Excellent 4-Way stretch for pressure redistribution, immersion and envelopment upper material
  - » 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 clean 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.



NOTE: For product details please see our Specification Table on p22-23



## Option 2

### PREMIFLEX ULTRA BREATHE POLYURETHANE PRESSURE CARE WATERPROOF\*\*\* COVER

#### *Benefits IN ADDITION to the Advantiflex Cover*

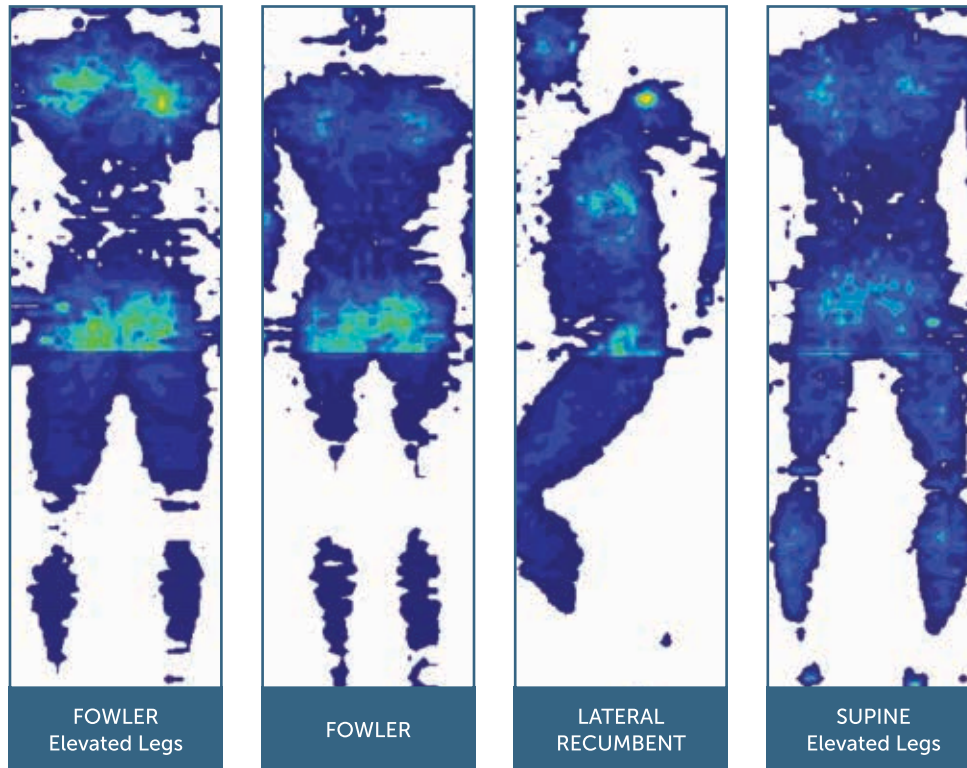
- **Premiflex** is a market leading premium cover technology exclusive to Forté Healthcare.
- Enhanced resistance to chlorine-based cleaning agents for superior longevity in demanding conditions requiring frequent cleaning and disinfection.
- Fully vapour permeable - **Double Coated Premiflex Ultra Breathe** base material creates an additional mechanism for moisture to escape from within the foams for improved foam longevity, reduced risk of mould/bacteria, contamination and improved infection control.

\*\*\*Waterproof in correct care conditions, material designed to allow moisture vapour permeability.

NOTE: For product details please see our Specification Table on p22-23



# Pressure Evaluation



4 16 27 39 50 62 74 85 97 109 120 132 143 mmHg

Tekscan Pressure Measurement System 7.20C	SENSOR_TYPE 5400D	ROWS 104	MICRO_SECONDS 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

## WHAT IS PRESSURE MAPPING?

Pressure Mapping measures the interface pressure between a support surface and its user. At Forté Healthcare we use the Tekscan Pressure Measurement System which utilises a thin and flexible sensor. We use this system to measure the pressure distribution of a human body on the surface of our mattresses with minimal interference.

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 Icon Homecare 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

## 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.





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

# 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 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.

# Specifications

 <b>ICON</b> HOMECARE MATTRESS	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.

SHEAR & FRICTION



REPOSITIONING



INFECTION CONTROL



MOISTURE & MICROCLIMATE



PERFORMANCE & LONGEVITY



MOBILITY & FUNCTION



PRESSURE CARE RATING

Low - Medium Risk

MATTRESS	FIRMNESS
SOFT	
MEDIUM	
FIRM	





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