



CAVERSHAM®

NHS-SC SPECIFICATION SHEET

Caversham® Fortuna

Device type: High-Risk Bariatric Pressure Care Mattress

SAFE WORKING LOAD

260kg (41 Stone)

PRESSURE CARE CATEGORY

High-Risk (Bariatric)

SERVICE LIFE

24-36 Months

Product Description

Caversham® Fortuna is a high-risk bariatric static pressure-redistribution mattress designed to support patients with higher body weight who are assessed as at increased risk of pressure ulcer development.

The mattress utilises a solid Combustion Modified High Resilience (CMHR) foam core engineered for high repeated-load durability. The foam structure provides stable immersion and effective load distribution across the patient interface while maintaining structural integrity under bariatric use.

Fortuna is suitable for use in hospital wards, care homes, community equipment services and homecare environments where bariatric pressure care support is required. The mattress is compatible with standard profiling and nursing beds designed for bariatric use.

The mattress is supplied with a waterproof, vapour-permeable multi-stretch PU cover engineered for repeated wipe-cleaning and disinfection in line with NHS Infection Prevention & Control (IPC) protocols.

Key Features

- High-Risk bariatric pressure care mattress for clinical and community settings.
- Solid CMHR bariatric foam core engineered for high repeated-load durability.
- Suitable for patients assessed as High Risk of pressure ulcer development.
- Waterproof, vapour-permeable multi-stretch PU cover
- High-frequency welded seams for infection-control compatibility.
- Toughened non-slip PU base for stability on profiling beds.
- Compatible with standard NHS detergent cleaning and chlorine disinfectants.

Cover

- **Material:** Waterproof, vapour-permeable multi-stretch PU textile.
- **Construction:** High-frequency welded seams.
- **Closure:** Zip on three sides with protective flap.
- **Base:** Toughened non-slip PU underside for profiling beds.
- **Hydrostatic Head:** 1,500 mm
- **Cleaning compatibility:**
 - Compatible with standard NHS detergent wipes.
 - Compatible with neutral-pH detergent cleaning.
 - Compatible with chlorine-based disinfectants up to 1,000 ppm.
- **Laundering**
 - **Cover**
 - Machine washable up to 80°C.
 - Tumble dry on a low / cool setting.
 - **Foam**
 - Internal foam must not be machine washed or submerged.
 - Foam may be autoclaved up to 140°C where clinically required.

Mattress Core

- **Foam type:** Solid CMHR (Combustion Modified High Resilience) bariatric foam.
- **Foam density:** 39 kg/m³
- **Foam hardness:** 200 N
- **Construction:** Single-piece high-density foam core.
- **Turning requirement:** No turning required.



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Performance & Durability

- **Pressure Care Category:** High-Risk (Bariatric).
- Designed for repeated clinical use and compatible with NHS infection-control cleaning regimes.
- **Fatigue Class**
Bariatric CMHR foam engineered for high repeated-load durability.
- **Tear Strength**
> 60 N (ISO 4674/A1)
- **Water Penetration Resistance**
Tested to 100 kPa
- **Service Life**
24–36 months depending on usage conditions.
- **Bed Compatibility & Orientation**
Fortuna is designed for use on hospital and community profiling beds suitable for bariatric load requirements.
- **The mattress should be positioned with:**
Stretch PU cover uppermost Non-slip PU base facing the bed platform.

Ensure the mattress lies flat on the bed base without distortion and that bed articulation does not interfere with mattress positioning.

Dimensions and Weight

- **Size:** 120 cm × 190 cm × 15 cm
- **Mattress weight:** 14.5 kg
- **Safe Working Load (SWL):** 260kg (53 stone)

Compliance & Regulatory

- UKCA and CE marked.
- MHRA registered Class 1 Medical Device.
- **Fire Standard:** BS 7177 – Medium Hazard.
- **Fire Retardancy:** BS 6807:1996 Crib 5.
- Manufactured under ISO 9001-certified QMS.
- Materials compliant with ISO 10993 Biological Evaluation of Medical Devices.

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