

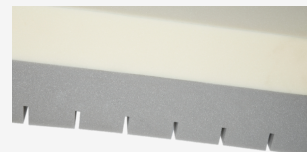
Visco - Royale Mattress – Specification :

The Visco 'Royale' Mattress is composed of two layers of special foams to provide the ultimate in comfort.

The upper most layer is a 70 mm Visco - Elastic Cellular Polymer which is temperature sensitive and energy absorbing. This is a high density foam which responds to body heat and softens to mould to the user's body shape thereby spreading pressure equally all over the body. Irrespective of body weight the Visco foam spreads the body weight and therefore is subjected to the least possible pressure.

The underneath layer is a 102 mm layer of Reflex (APT) melamine free material. This layer is thicker and gives the top layer support, by altering this layer's density a firmer or softer mattress can be achieved.

The underneath surface of the mattress is 'castellated' to create the Multizone feature of comfort cells. This surface responds to different configurations and the air channels around the cells enhance ventilation and airflow through the mattress. The comfort cells further reduce pressure on the body, reducing vertical interface pressure points and also horizontal shear forces.



Our mattresses are available in any size and we will quote accordingly. A sample of typical sizes are:

Imperial sizes :

- 3'0" x 6'3"
- 3'6" x 6'3"
- 4'0" x 6'3"
- 4'6" x 6'3"
- 5'0" x 6'6"
- 5'6" x 6'6"
- 6'0" x 6'6"

Metric sizes :

- 80 x 200 cm
- 90 x 200 cm
- 110 x 200 cm
- 120 x 200 cm
- 140 x 200 cm
- 160 x 200 cm
- 180 x 200 cm

The Benefits of Memory foam :

- The base castellations allow the foam to flex with the profiling action movement of the bed.
- Whilst the castellations ensure the foam flexes it also allows air to circulate around the base of the mattress.
- It has been scientifically proved by Nathaniel Kleitman, the first major scientist to research sleep, that our body core temperature needs to be around 37° before our brain is able to switch to sleep mode. If our body temperature is raised we generally struggle to fall asleep and when we do the quality of sleep can be disturbed and restless.
- A solid foam mattress is naturally :
 - Hypoallergenic
 - Anti bacterial
 - Bed bug and dust mite resistant
- All foams are British made and as such conform to the high British safety standards to Crib 5 fire rating.
- The memory foam used is of a higher grade and density than is found in general domestic mattresses. The 50 density memory foam offers firmer than average support as well as having the ability to mould to an individual body shape.

The mattresses are supplied with either a breathable, waterproof anti-bacterial PU cover or a *Thermo-Cool* cotton cover.

When outside temperature is high :

The *Thermo-Cool* cover, which is produced from fibres with an increased evaporative surface, can evaporate moisture more quickly than other fabrics. Thanks to the hollow fibres providing rapid creation of moisture as well as a multi-channel surface. *Thermo-Cool* technology ensures effective cooling by maximising air circulation. In this way, the body energy turning into heat is transferred. This ensures feeling cool by evaporation no matter how high the body heat, when the temperature of the sleep environment is high.



When the outside temperature is low :

The hollow cross section fibres of *Thermo-Cool* ensure the fabric to be lightweight in addition to providing heat insulation when the heat is lower at night. This helps to prevent feeling cold after perspiration while improving air circulation to dissipate excess heat to mix up with the air.

Both types of cover are zipped on three sides to allow easy removal for washing if required. Replacement or additional covers can be purchased separately.

Our mattresses are suitable for either flat or adjustable beds and are supplied with a 2 Year Manufacturers Guarantee.