

revo[®]

A revolutionary cool sleep
concept from The Vita Group



enhancing
everyday
life

Vita Comfort UK

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Vita[®]





For years the consumer has searched for a cooler, more comfortable sleep. The Vita Group has the solution.

ReVo™ is the cool alternative to a conventional mattresses, it offers maximum support force and an improved circulation of air for cooler sleeping conditions, with up to 30x higher air stream volumes than with a premium, visco-elastic mattress.

The ReVo™ technology offers open cells with thicker cell walls for a longer useful life. That provides optimal comfort and better body support over very many years. The foam has been checked and tested according to BS EN ISO 83072007 (Elasticity definition from rebound).



Bedding



Medical



Furniture



A revolutionary cool sleep concept

Vita Comfort UK would like to present its 4th Generation in foam technology, ReVo™ a revolutionary cool sleep concept.

Introducing ReVo Comfort™, ReVo Support™ and ReVo Vasco™, used in combination the ReVo™ family can provide the user with a cool nights sleep. This cool sleep is achieved with the unique and innovative technologies: Breathability, Heat Dissipation and Resilience - offering a mattress with spring like support.

Heat dissipation

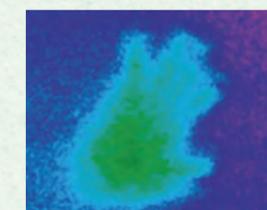
The highly open celled nature of the ReVo™ range, is proven to dissipate heat away from the body significantly quicker than a leading visco-elastic mattress.

Whether using ReVo Support™, ReVo Comfort™, ReVo Vasco™ or the three in combination, the ReVo family has been engineered to offer a cooler sleep.

Using thermal imaging technology, it is easy to see the speed at which ReVo™ transfers heat away from the body. This gives the sleeper a cooler, more comfortable and more restful nights sleep.



0 minutes

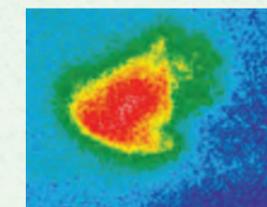


1 minute

Leading visco-elastic brand



0 minutes



1 minute

Thermal images taken at 0 minutes and 1 minute after the hand had been removed.

BENEFITS OF REVO™ FOAMS

- ▼ Full body and spring like support
- ▼ High open-celled structure promotes a high airflow throughout the mattress
- ▼ Recyclable
- ▼ Form retaining
- ▼ Proven to wick moisture and dissipate heat away from body
- ▼ Provides comfort and support
- ▼ Conforms to body shape
- ▼ Provides quality sleep by reducing the build up of body heat during sleep
- ▼ Balances the body's micro climate during sleep

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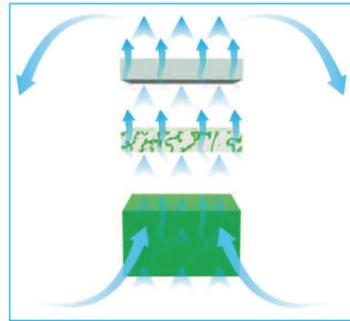


Breathability

The porosity or breathability of a foam is the measure of air flow through the full depth of a mattress. An increase in how open the foam cells are, increases the air flow and subsequently the breathability of the foam.

Where the leading visco-elastic brand exhibits minimal air flow, ReVo™ has achieved 30x greater breathability.

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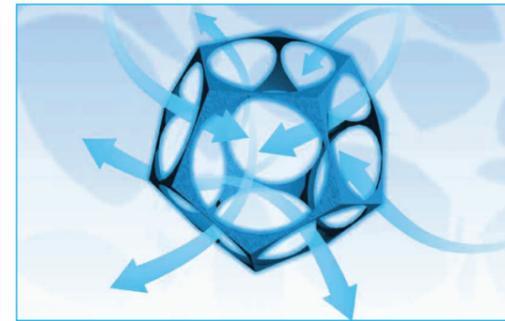
30x greater airflow

Leading visco-elastic brand



Minimal airflow

The airflow through a mattress constructed with ReVo™ foam is 30x greater than a premium, leading visco-elastic mattress.



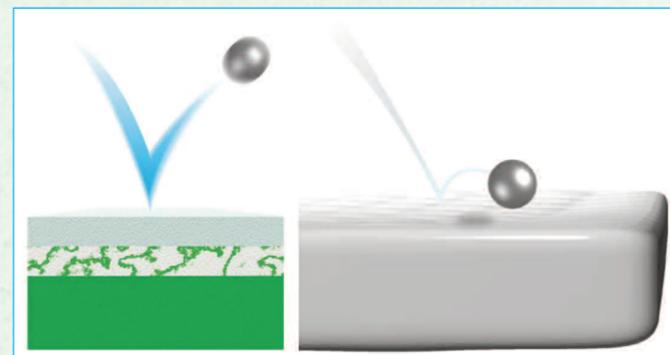
- Wide open cells with thicker cell walls for enhanced durability
- Airflow 30x greater than a premium visco-elastic mattress

Resilience

Finally, ReVo™ offers high resilience which goes hand in hand with comfort and support, the comfort and support often associated with a pocket sprung mattress. ReVo™ achieves this using highly resilient, high density, full depth ReVo™ foam technology. The resilience of ReVo™ is much greater than that of the leading visco-elastic brand and the high resilience of the foam ensures that it has excellent durability.

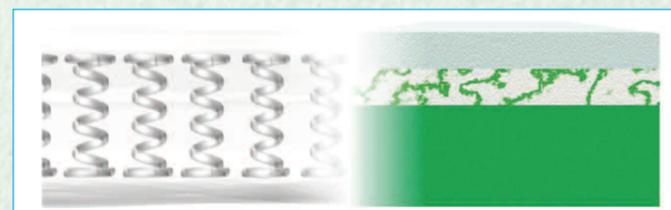
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Leading visco-elastic brand



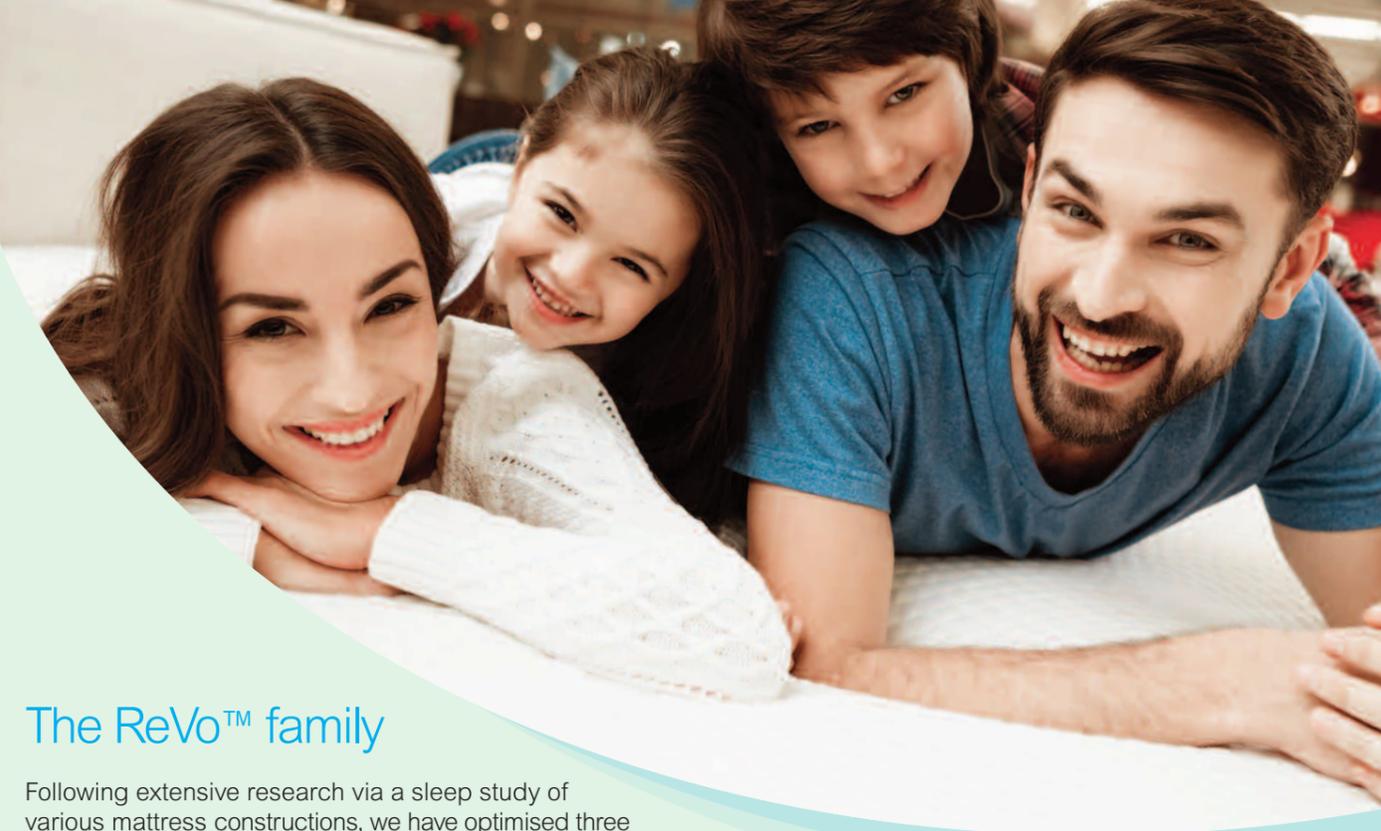
Showing a mattress constructed with ReVo™ foam compared to a premium, leading visco-elastic mattress.

- Optimum comfort and support through the use of highly resilient, high density, full depth ReVo™ foam technology
- Tested to BS EN ISO 8307, 2007 Determination of resilience by ball rebound



Mattress constructed with ReVo™ foam have a resilience associated with a premium pocket sprung mattress.

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The ReVo™ family

Following extensive research via a sleep study of various mattress constructions, we have optimised three perfect mattress constructions which can be used individually or in combination as follows:

REVO COMFORT™ REVO SUPPORT™ REVO VASCO™



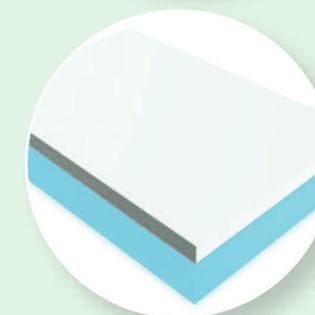
REVO COMFORT™

Layer 1 - CM Ether Base*
Layer 2 - ReVo Comfort™ Topper

A re-engineered layer of highly resilient latex feel PU foam offering an exceptional durable support base layer.

- Cooler alternative to conventional viscoelastic mattress
- Maximum support
- Open celled ReVo™ technology comfort layer

* Tested in conjunction with a mid density CM ether basefoam

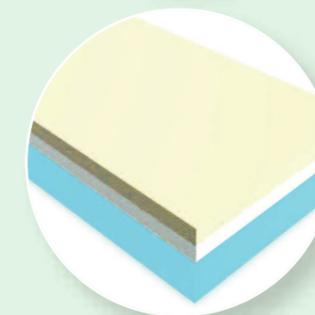


REVO SUPPORT™

Layer 1 - ReVo Support™ Base
Layer 2 - ReVo Comfort™ Topper

Manufactured using HR Technology, offering a softer feel to that of ReVo™ Support, ReVo™ Comfort is a cooler alternative to the conventional visco-elastic mattress topper.

- Cooler alternative to conventional viscoelastic mattress
- Maximum support
- Increased airflow for a cooler sleep
- Full depth open celled ReVo™ innovative technology



REVO VASCO™

Layer 1 - ReVo Support™ Base
Layer 2 - ReVo Comfort™
Layer 3 - ReVo Vasco™ Topper

A high density, high airflow visco-elastic foam topper giving the sleeper the comfort of a conventional memory foam mattress with a cooler sleep experience.

- Cooler alternative to conventional viscoelastic mattress
- Maximum support
- Increased airflow for a cooler sleep
- Full depth open celled ReVo™ innovative technology

Vita

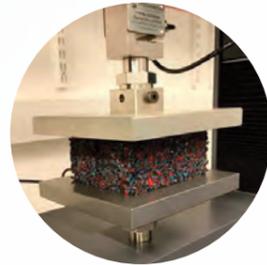
We develop the very best solutions for a wide range of customer applications

The Vita Group's Medical portfolio spans from the production of medical mattresses for hospitals and nursing homes to Vita's seating solutions designed to reduce pressure sore development through weight distribution.

To assist in the selection of foams or testing of finished or semi-finished products The Vita Group has invested in an innovation centre capable of testing to known industry standards.

INNOVATION CENTRE TESTING CAPABILITIES

- ✔ Pressure mapping (Interface pressure - evaluate localized pressure - immersion area)
- ✔ Shear pressure
- ✔ Heat Dissipation and breath-ability
- ✔ Durability test
- ✔ Tensile testing
- ✔ Displacement mapping
- ✔ Temperature and humidity mapping

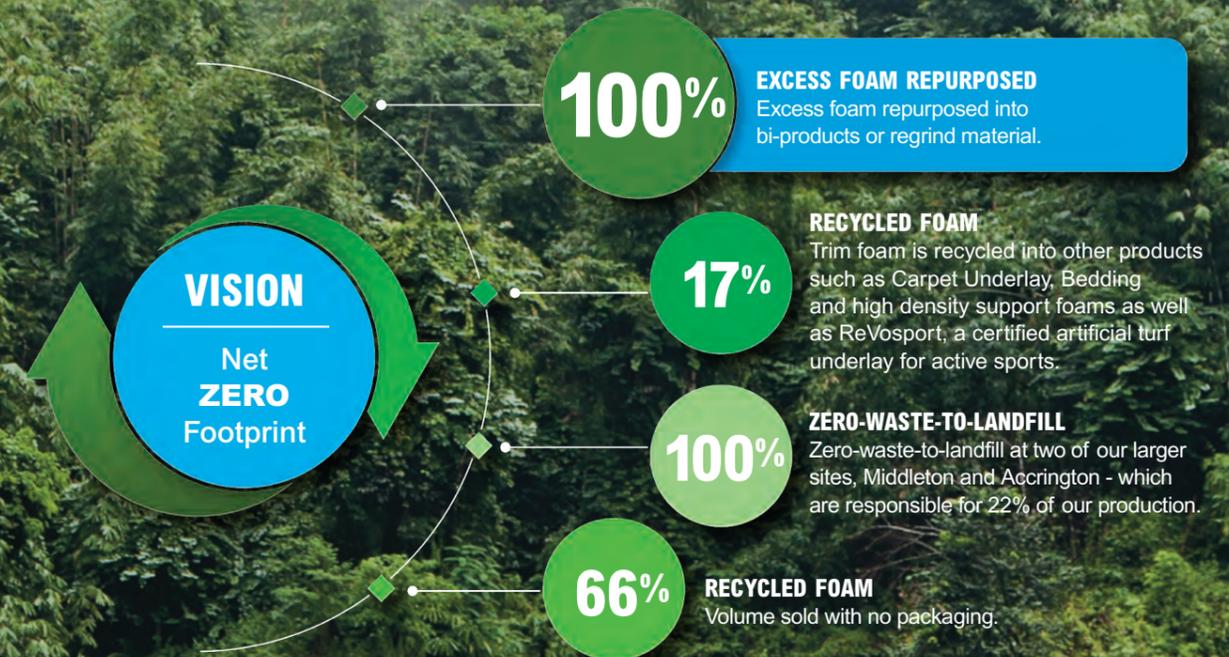


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We aspire to be the leader in innovation and sustainability in the flexible PU foam industry

At The Vita Group, we continuously invest to sustainably deliver the very best solutions for our customers and future generations.

As a responsible, resourceful and safe business we commit to and invest in reducing waste, increasing recycling and reusing raw materials, and conserving natural resources in pursuit of a net zero footprint.



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