

new process, new product



new technology, the new SonoCore process

The invention of the Dunlop process goes back to the late 1890's. Since then latex producers from all over the world have spent millions on research to try and come up with a new improved production method.

In the 1930's two Russian engineers invented the Talalay process, named after themselves. Unfortunately this process required a massive input of energy to produce the latex components, nearly five times more energy than the original Dunlop process.

Relatively early this century, the Latexco Research & Development team successfully developed the SonoCore process. This revolutionary SonoCore process enables Latexco to produce the ultimate in latex components, with minimal energy requirement! The SonoCore process therefore has the best ecological footprint in the entire cellular foam industry.

The SonoCore process will undoubtedly set a new benchmark standard for latex.

The SonoCore process has been patented by Latexco to ensure its global protection.



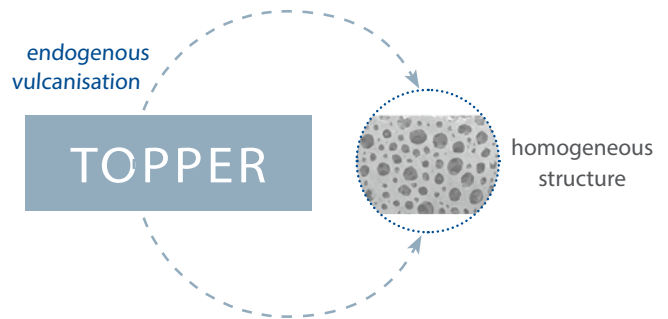
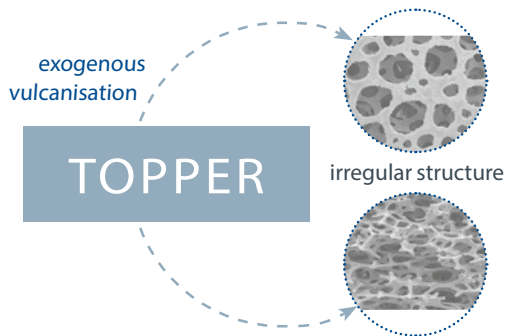


Conventional process

Both processes, Dunlop and Talalay, use conventional heating & drying methods for the production of latex components. These exogenous (from outside to inside) technologies are energy intensive and time consuming. Latex produced using exogenous methods results in a typically irregular foam structure.

SonoCore process

The SonoCore technology is based on dielectric heating. With this technology the latex is vulcanised endogenous, i.e. from inside to outside. To complete the SonoCore technology a full revision of the entire latex compound formulations was developed. The combination of the new SonoCore process with new compound formulations, not only results in a reduction of energy requirements, it also produces a homogeneous foam structure throughout the entire latex component. All SonoCore latex products possess unequalled tensile strength and unprecedented durability.



Pulse, ultimate sleep comfort!

Pulse the best latex foam ever!

The unique endogenous SonoCore technology combined with the new Latexco formulations offers the

**most durable,
best ventilating,
strongest,
most resilient
and softest**

latex foam ever made designed to guarantee a perfectly restful and revitalising sleep.



revolutionary
new latex foam

excellent
ventilation



superb
resilience



extreme
tensile strength



homogeneous
cell structure



prolonged
durability



unique
height



The revolutionary SonoCore process sets new benchmark standards for latex foam bed components.

The SonoCore process gives Pulse latex its homogeneous foam structure. This homogeneous nature of Pulse foam is of key importance. Pulse latex components possess an excellent hysteresis and have extremely high tensile strength. Pulse latex has a perfectly balanced microclimate and optimised humidity control thanks to the superior ventilation properties of the foam structure.

Pulse latex excels on all comfort levels and the SonoCore production process has the best ecological footprint in the entire cellular foam industry.

The SonoCore process catapults latex mattress foundations into the 21st century. The revolutionary SonoCore technology combined with a totally new latex formulation offers the highest quality latex ever.



Tested by

The Pulse material has been tested on resilience and durability by TÜV in Germany. Temperature and humidity tests have been performed by Custom8 in Belgium. The full test reports are available on request.

Resilience tested by TÜV

The ball rebound test performed at the TÜV institute revealed rebound elasticity properties that equalled those of foam manufactured according to the Talalay process.

Durability tested by TÜV

Tests conducted in a dynamic fatigue test set-up revealed that there is no change in hardness nor any loss in height after 30.000 cycles on Pulse material.

Temperature tested by Custom8

The Pulse material has a very equal heating-up and cooling-down time, which makes it react very well and fast to ambient conditions.

Humidity tested by Custom8

The Pulse material evacuates moisture faster than it absorbs it, making the product's performance very reactive and healthy for the sleeper.



Your wave of comfort!

pulse
by latexco





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