



classic latex



**latexco®**  
classic latex







## At the core of our 'classic latex' range: high-quality raw materials and highly innovative production processes



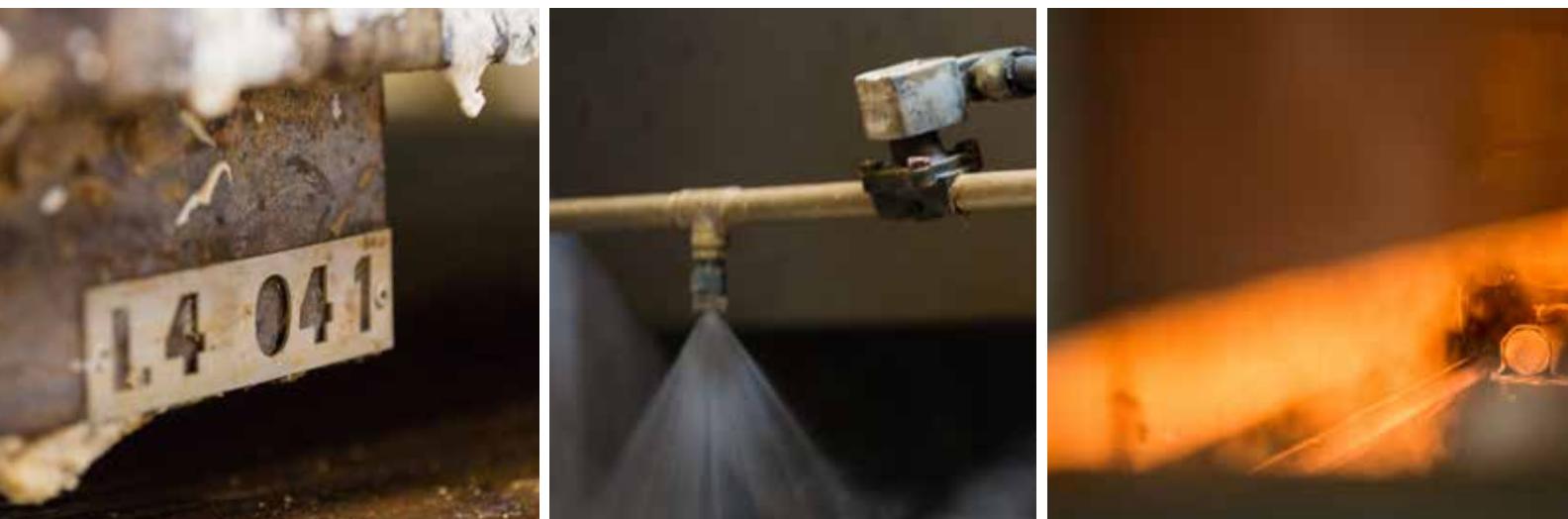
### A mix of natural and synthetic latex

**Natural latex** is the juice of the tropical rubber tree 'Hevea Brasiliensis' that grows in large plantations in Southeast Asia (Thailand, Malaysia, Vietnam, Indonesia), parts of Africa (Cameroon) and South America (Brazil). To make sure that our products offer exceptional quality characteristics, we only use high-quality natural latex from selected and controlled plantations.

**Synthetic latex** is a mixture of two oil derivatives: styrene and butadiene. Since World War II (and over the years) the petrochemical industry has further developed the synthetic alternative for natural latex.

Latex – both natural and synthetic latex – is a white milky fluid, a stable dispersion of rubber (organic polymer) particles in water.

## How do we produce our 'classic latex' bedding products?



### Dunlop process

The production process of Latexco was originally inspired by the Dunlop process, but over the more than 60 years of experience Latexco has made a lot of improvements to what, in the meantime, can best be described as the 'Latexco production process'. This process uses conventional steam heating & drying methods for the production of latex components. We use the Dunlop process to manufacture mattresses, pillows and toppers.

### SonoCore process

In 2011, we introduced a revolutionary new-process, the SonoCore process. A unique process which is now used to produce a range of toppers. The SonoCore technology is based on dielectric heating. With this wave technology - instead of steam - the latex is vulcanized endogenously. The vulcanization starts in the middle of the latex product and gradually goes to the 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, results in a new, revolutionary latex foam called Pulse. Moreover, the process significantly reduces energy consumption.



# Our 'classic latex' productline:

In our 'classic latex' mattress range, we offer two strong and distinct product families. Our standard latex products are made of solid, synthetic latex, enriched with natural latex to improve the mattress's resilience and progressive support. Our top-of-the line 'classic latex' mattresses are produced in our iconic Innergetic mix with a high degree of natural latex. These products excel in resilience, progressive support and durability. For over 15 years now, our Innergetic mattress has been the mattress of choice of professional sportsmen.

You can choose the thickness and size of the 'classic latex' mattresses, as well as the density/hardness. Depending on the mattress you choose, our 'classic latex' mattresses can come with different comfort zones, e.g. at the level of the sleeper's shoulders and hips, to provide better support to the body. We can also finish our mattresses with a fire-retardant post-treatment.



## classic latex mattresses

There are 'classic latex' mattresses with three, five or seven comfort zones. People who prefer to sleep on a uniformly perforated mattress, can choose the 'classic latex' stift mattress.

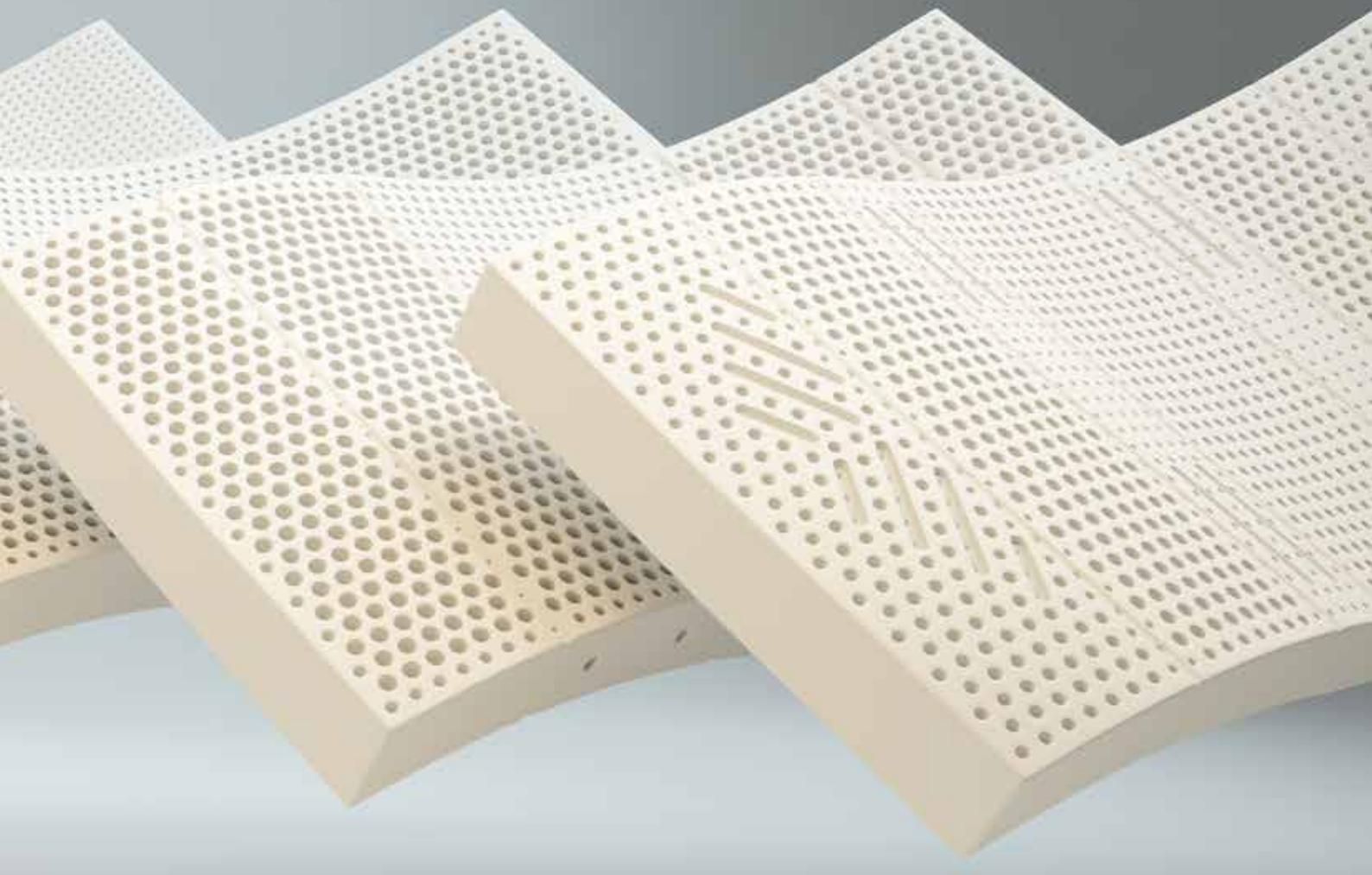
### Comfort zones

#### Stift

A stift mattress core has a uniformly perforated surface. The hardness/density is identical over the whole mattress.

#### Mattresses with 3, 5 or 7 comfort zones

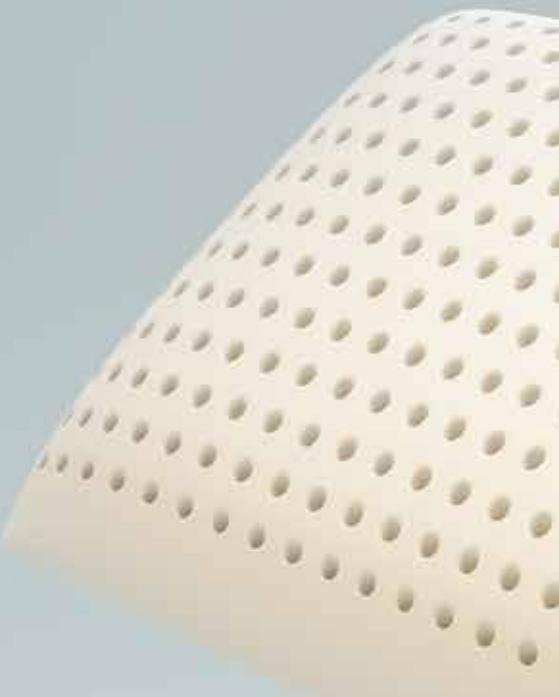
Thanks to the comfort zones, each part of the body is correctly supported. The zones ensure that the spine, when sleeping on your side, is kept nice and straight. And, when lying on your back, that the natural curve is maintained. We determined the exact positioning of the comfort zones in partnership with the renowned Institute of Ergonomics in Munich.



### Treatment

#### Fire-retardant

Our mattresses can also be post-treated to make them fire-retardant, on the basis of a patented technology. In this way, they fulfill the main fire-retarding standards in the bedding sector.



## classic latex pillows

The pillows in the 'classic latex' range contain a mixture of natural and synthetic latex. Our pillows come in different shapes and sizes. Pillows can also have a fire-retardant treatment.

### Shapes

#### Standard

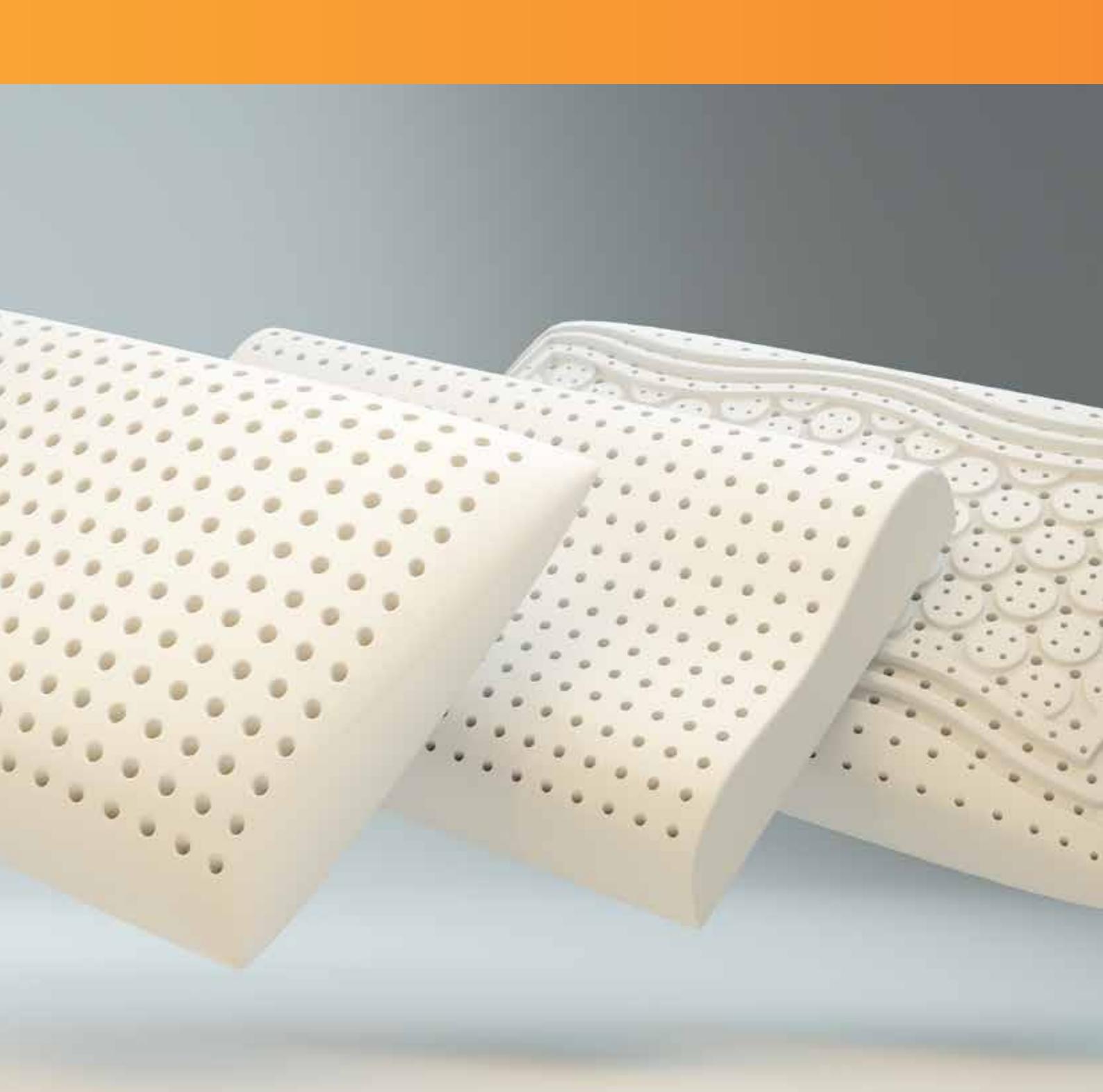
Our standard pillows provide full head and neck support.

#### Ergonomic

Thanks to the specific design, this ergonomic pillow is ideal for sleepers with neck complaints.

#### Special

Latexco also manufactures pillows that are fully tailored to a customer's particular and personal requirements.



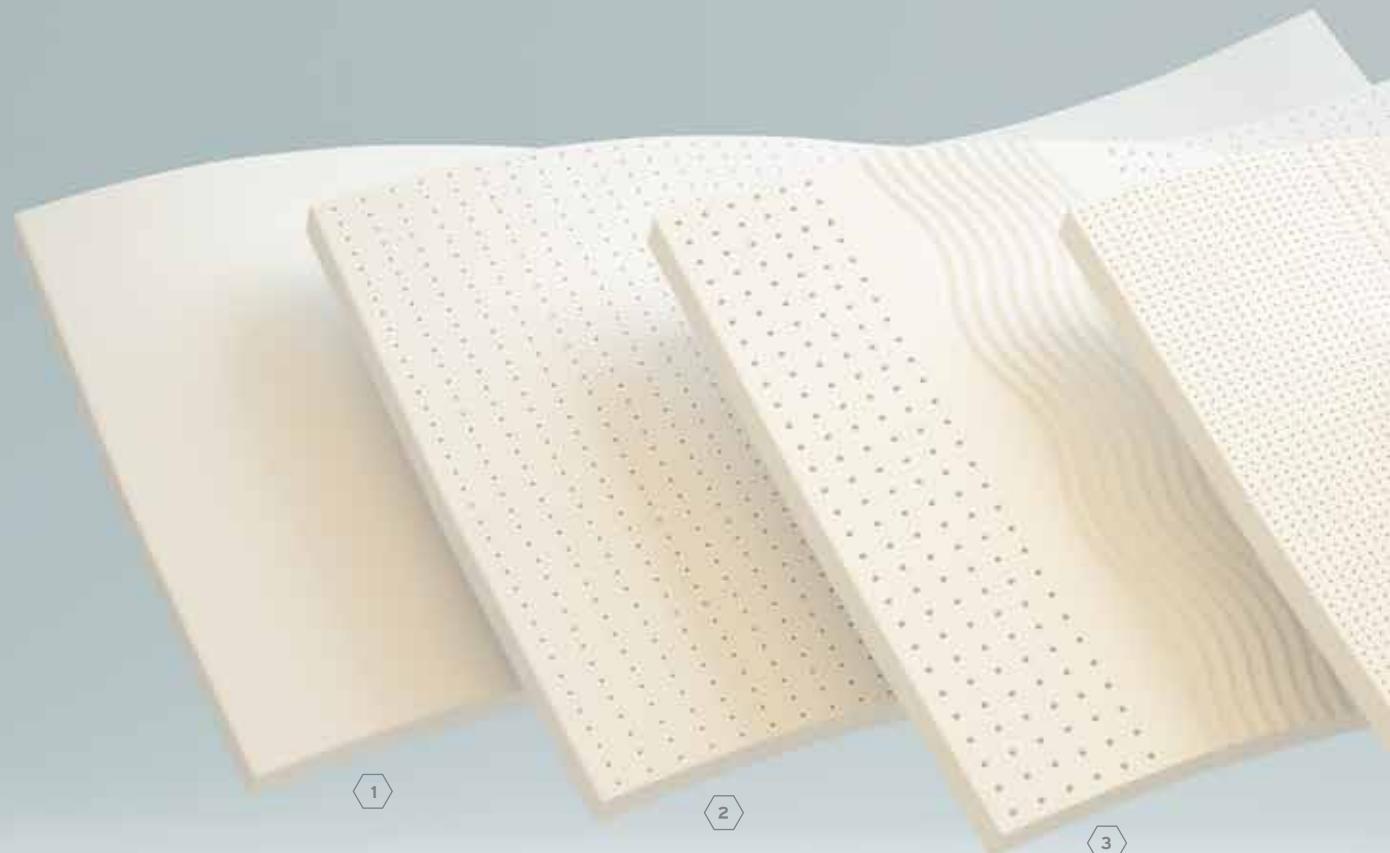
### Treatment

#### Fire-retardant

Our pillows can also be post-treated to make them fire-retardant, on the basis of a patented technology. In this way, they fulfill the main fire-retardant standards in the bedding sector.

Our toppers are used to create a superior and unique comfort in the mattress. They can be combined with a vast choice of materials: foam cores, spring units, pockets springs or as an extra comfort layer above a mattress.

Our 'classic latex' toppers can be produced via two different processes. For most toppers, we use the Dunlop process. Toppers produced via the Dunlop process come in a large variety of blends which all contain a specific amount of natural latex. Beside this process we also have our patented SonoCore technology that produces the unique Pulse latex which offers unrivalled comfort and extreme durability.



## classic latex toppers

### Toppers manufactured through the Dunlop process

1 **Solid topper** - topper without options

#### Options

2 3 4 **Perforations**

**Standard:** Standard perforations ensure perfect ventilation.

**5-zone perforation:** designed with 5 zones to offer perfect comfort and support to your body.

**Micro-perforation:** the micro-perforations ensure extreme ventilation and moisture regulation, which results in an enhanced microclimate.

3 4 **Waved**

Thanks to the waves we are able to create extra lying comfort. Toppers created via the Dunlop process come with linear or waved waves. Customers can choose between continuous or zoned linear waves.

5 **Convoluted**

With a convoluted profiling, we create air pockets in the topper that offer better ventilation.

6 **Jute**

We can also provide toppers foamed on jute, as a protective coat between the pocket spring mattress core and the topper. The jute ensures extra pressure distribution.



## Treatment

### Fire-retardant

Our toppers can also be post-treated to make them fire-retardant, on the basis of a patented technology. In this way, they fulfill the main fire-retardant standards in the bedding sector.



## classic latex toppers

### Toppers made through the SonoCore process

#### ① Solid Pulse top - topper without options

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

The SonoCore process gives Pulse latex a homogeneous foam structure, which makes it truly unique. Pulse latex excels on all comfort levels. The foam structure promotes an excellent hysteresis and extremely high tensile strength. Moreover, it boasts superior ventilation properties, which ensure a perfectly balanced microclimate and optimised humidity control.



## Options

### ② ③ Waved

Thanks to the waves we are able to create extra lying comfort. Toppers created via the SonoCore process come with linear waves. Customers can choose between continuous or zoned linear waves.

### ④ Jute

We can also provide the topper foamed on jute, as a protective coat between the pocket spring mattress core and the topper. The jute ensures extra pressure distribution.

### ⑤ Oxygel infused

In this technique, gel particles are added under the latex emulsion during the production process. The formulation creates an airy and more comfortable feeling while sleeping.

## Certificates a token of our dedication to quality



### Öko Tex

Latexco has been awarded the Öko-tex 100 'free of harmful substances' quality label. Laboratory tests have proven that our products are free of harmful substances that pose a threat to the health of humans and to the environment.

### EuroLATEX

Tests developed in association with TFI (Deutsches Teppich Forschungsinstitut - Aachen) show that Latexco products meet the EuroLATEX ECO-Standard. This standard defines the maximum acceptable limits of toxic substances or substances considered harmful to health in latex foam cores.



### LGA

LGA tests prove that our products excel in durability and elasticity. By complying with these standards, Latexco mattresses automatically meet all requirements to carry the Eco label of the European Community.

## A bedding product offering so broad that it meets every comfort need

To help our customers choose the bedding solutions that best meet their unique sleeping experiences, we have categorized our products in five product lines. Whatever line you chose, you are sure to buy a high-quality mattress/pillow/topper, designed to guarantee a great night's sleep!

### **Latexco classic latex**

Combining both natural and synthetic latex, 'classic latex' is our standard range of comfortable, high-quality mattresses, toppers and pillows. By fine-tuning the exact proportions of natural and synthetic latex over more than 60 years, we can customize the mattress to fit each customer's specific needs.

- Perfectly balanced comfort
- Good elasticity
- Optimal ventilation thanks to the open cell structure of latex
- Excellent durability



### **latexco natural latex**

Our 'natural latex' line includes a fine selection of bedding products made of pure natural latex - as a cast-iron guarantee of exceptional comfort. Products that contain at least 85% natural latex (or over) are qualified as a natural product. We also offer natural latex mattresses in FSC® certified natural latex.

### **latexco springs**

Our 'latexco springs' range offer a broad variety of coil shape and diameter from VSS (very small spring) to big coil. Our product range is heat treated reinforcing the strength & durability improving coil resiliency and support for a comfortable and relaxing night sleep.

### **latexco fom**

'latexco fom' bedding products are manufactured with high quality PU foams. Each variant version has its own distinguishing characteristics in terms of sleeping comfort.

### **latexco fusion**

By 'fusing' our latex components, PU foams and/or pocket springs, we manufacture strong, durable and customized bedding solutions - the 'latexco fusion' product line. The combination of our unique product ranges enables us to provide customers with personalized levels of sleeping comfort.

