PESSOTTO®

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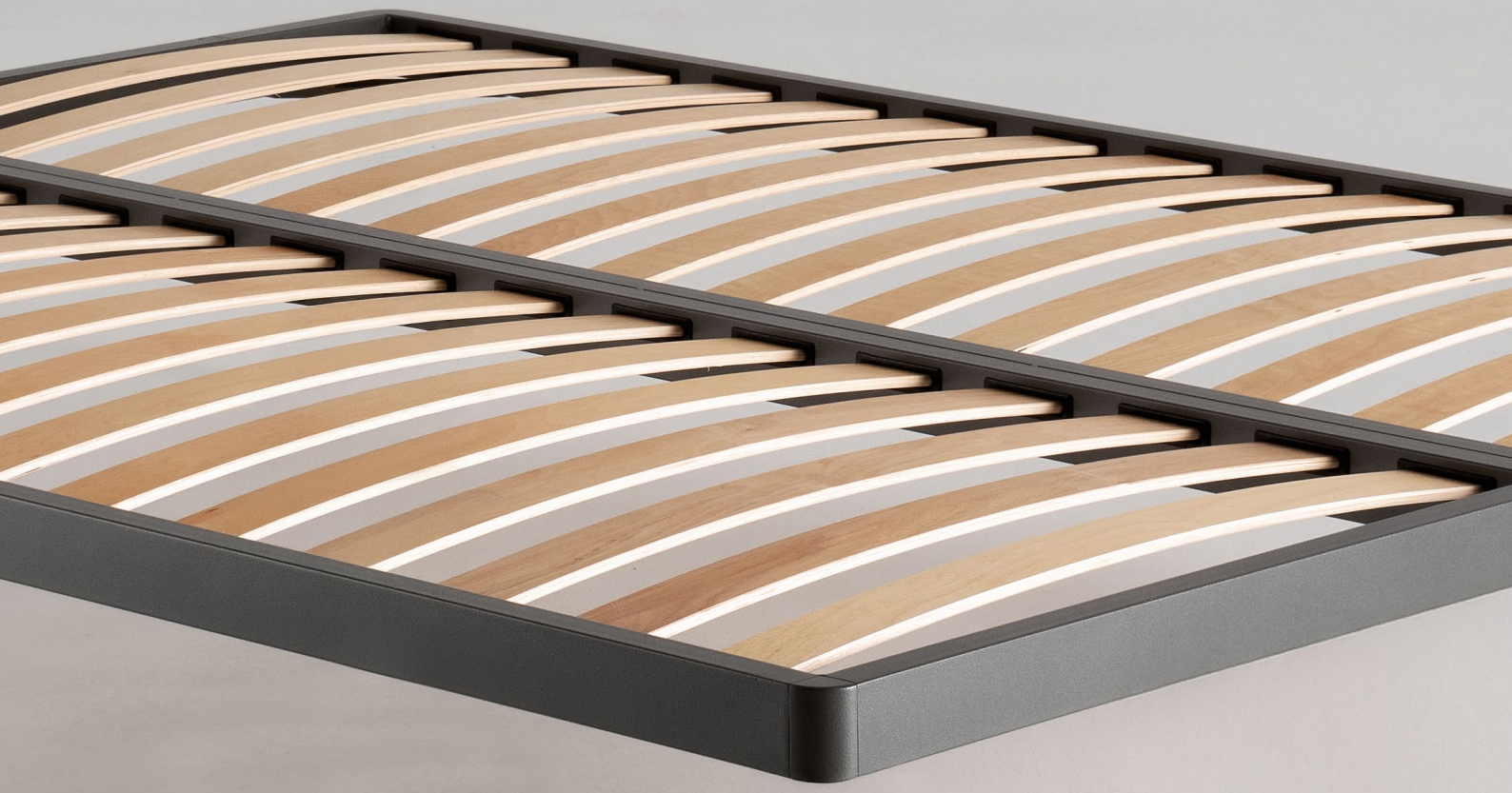


# Why use a slatted bed base

A good mattress is not enough:
comfort comes from the entire sleep system

advanced technology for beds

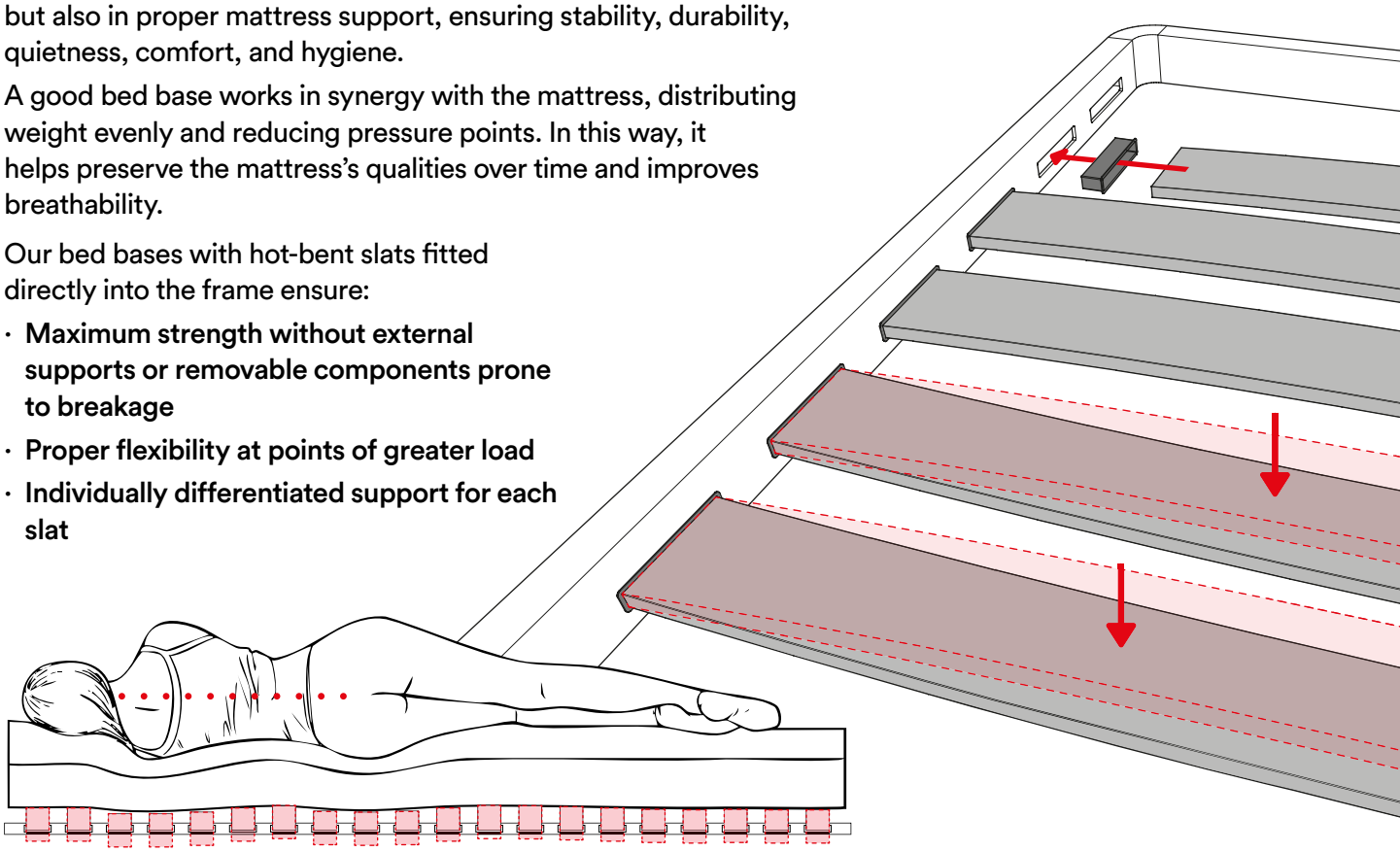
# The system you can't see, but you can feel

Choosing a slatted bed base means investing not only in better rest, but also in proper mattress support, ensuring stability, durability, quietness, comfort, and hygiene.

A good bed base works in synergy with the mattress, distributing weight evenly and reducing pressure points. In this way, it helps preserve the mattress's qualities over time and improves breathability.

Our bed bases with hot-bent slats fitted directly into the frame ensure:

- **Maximum strength without external supports or removable components prone to breakage**
- **Proper flexibility at points of greater load**
- **Individually differentiated support for each slat**



# Raw materials

Sturdy materials and careful design make our bed bases a long-lasting structure: strong, flexible, and capable of supporting the mattress day after day without deformation or sagging.

### High-strength steel

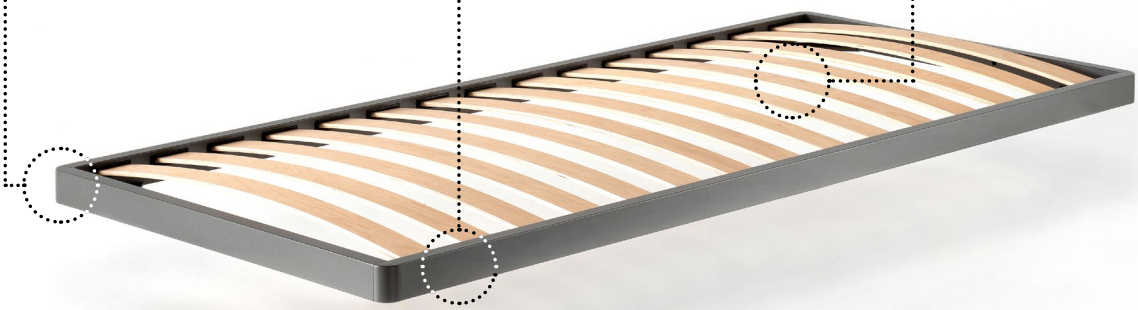
The steel used ensures very high strength, hygiene, and aesthetic quality.

### Non-toxic coatings

Solvent-free powder coatings are used and are completely non-toxic, ensuring a safe product. The epoxy powders are baked at over 200°C.

### Wooden slats

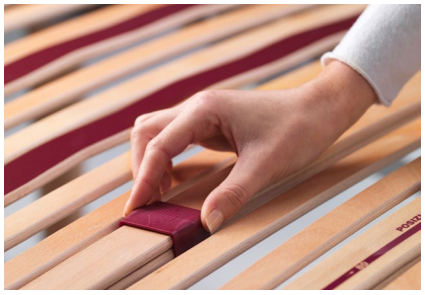
High-elasticity laminated hardwood is used for premium slats. These laminates are hot-glued with adhesives that comply with E1 formaldehyde regulations (low emission).

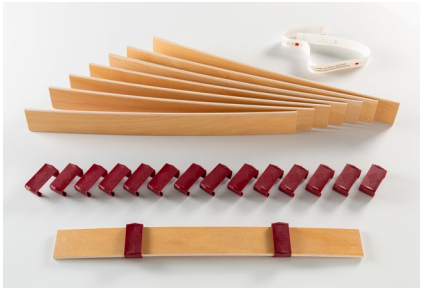


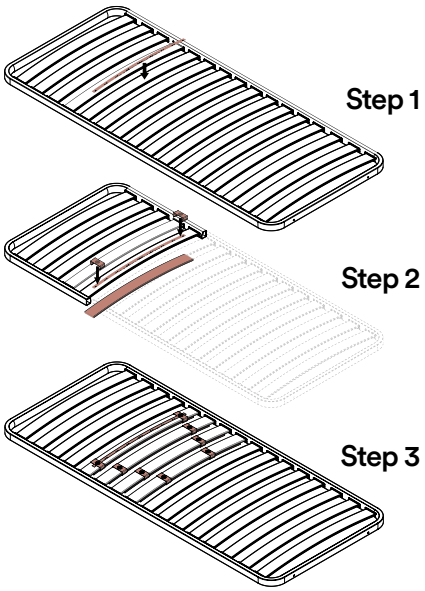
# Optional kit

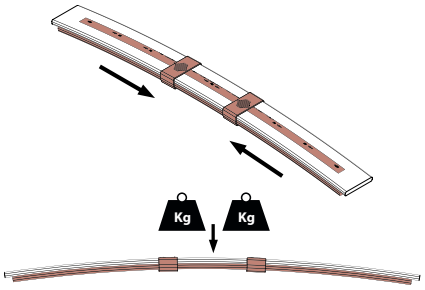
We offer, as an option, stiffness regulators to be applied to the slats—a kit of joints and flexible slats that can be added to the bed base to reinforce specific areas.

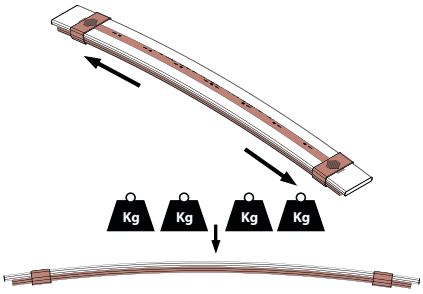
- Adjusts mattress firmness, allowing two areas of the same mattress to have different levels of support
- Reduces slat flexibility
- Provides uniform support to the mattress
- Easy to install without tools








The further the plastic stiffness regulators are moved toward the edges of the bed base, the greater the load on the base and the higher the slat's firmness.

# Tested quality

Testing of bed bases in accordance with **EN 1725:2023.**

Testing confirms that the products meet CATAS quality standards, showing that the systems feature:

- **General safety requirements:** no sharp or dangerous parts
- **Vertical fatigue resistance:** 1000 N applied for 10,000 cycles in 3 different positions
- **Resistance to vertical static load on the base:** up to 140 kg per single bed area
- **Resistance to horizontal static loads:** withstands 300 N lateral static load with 75 kg on the base
- **Horizontal fatigue resistance of the bed structure:** 150 N alternating push for 2,500 cycles
- **Vertical impact resistance:** 25 kg mass dropped from 180 mm, 10 times per position

**Bed bases tested according to tests 395053 and 395054**

CATAS

TEST REPORT
395053
395054

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advanced technology for beds