



How to become a quality mattress

Angelo Speranza

President of CATAS

Since 1996 CATAS has been testing mattresses in conformance with the criteria of the European Committee for Standardization (CEN)

There are two types of tests: those related to size (now official), and those related to performance, i.e. durability.

This second type involves the use of special equipment that is able to simulate the repeated weight load and movement typical of prolonged mattress use: variations in mattress properties occurring during live use are considered, and reproduced using a roller with two wooden frustums, joined at the larger base and weighing a total of one hundred and forty kilograms.

At the start and end of the tests, load-deformation is assessed, a measure of a mattress's hardness (i.e. how resistant it is to being squeezed by a special buffer of suitable shape and size) along with its height. A further coefficient is calculated to find a mean value between objective laboratory data (hardness) and a subjective evaluation of comfort. Naturally, mattress components must be intact at the end of testing.

To further safeguard the customer, the Association of quality mattress manufacturers has established in its protocol that durability tests will be performed for up to forty-five thousand cycles: fifty percent higher than CEN recommendations.

The Consortium also uses CATAS for regular testing on products that have been given our seal.



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MATERASSI DI QUALITÀ

Consorzio Produttori Materassi di Qualità

Foro Buonaparte 65, 20121 Milan - www.consorziomaterassi.it - Freephone number: 800.373740