

Studies have shown that equipping hotel rooms with sound-absorbing furniture allows for the following effects, significantly improving the acoustic comfort of the hotel. Or:

- We get a better quality of conversation, we hear better and more clearly, which makes us understand others faster
- The music you are listening to is better and cleaner
- We receive sounds from television or radio better and more clearly
- We increase the sense of intimacy to facilitate relaxation and regeneration, it is simply more convenient
- We hear less noise from neighboring rooms because the rooms are better insulated

This was achieved by improving the following parameters:

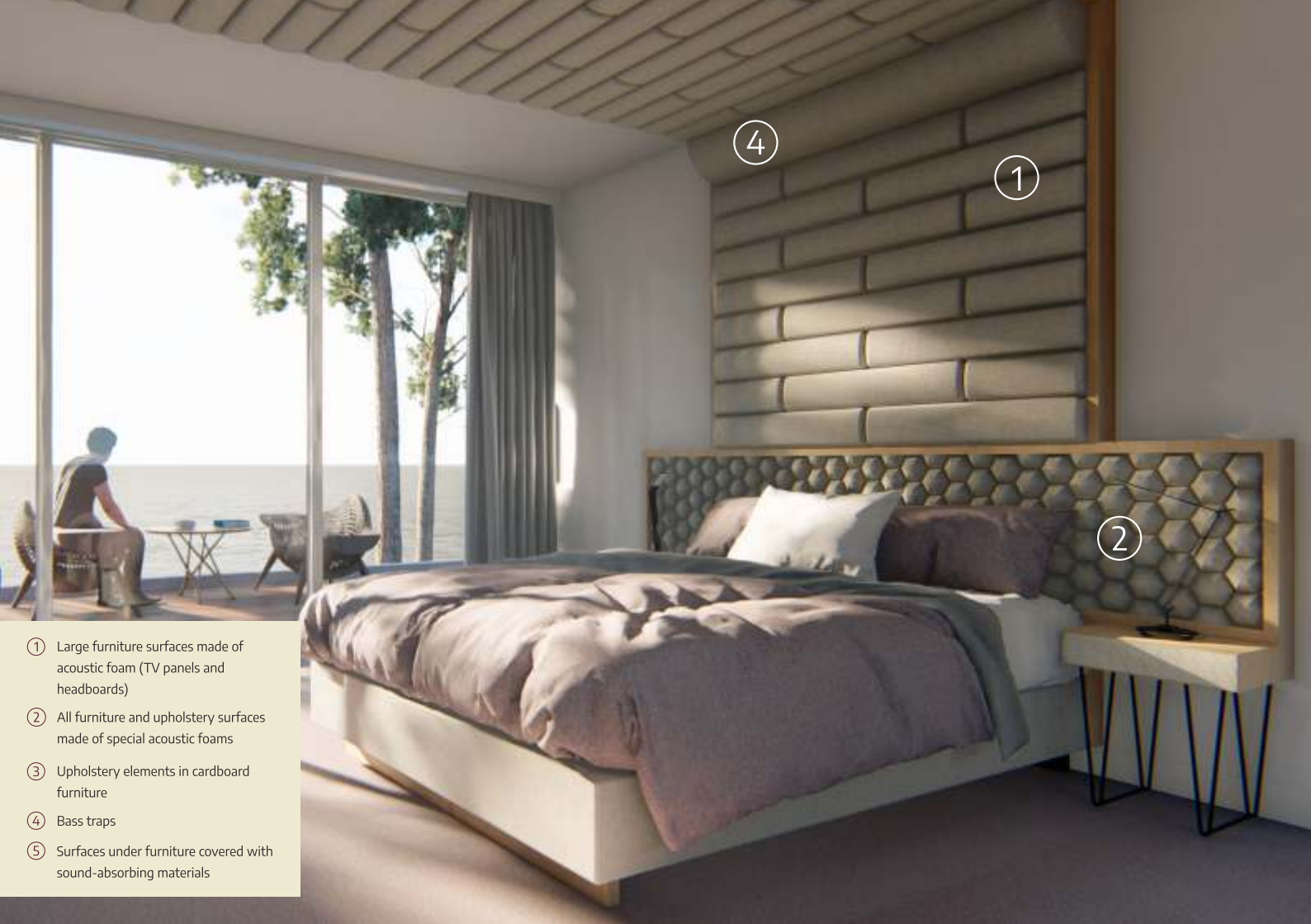
- Reduction of reverberation time by 38%
- Average room absorption coefficient improvement by almost 60%
- Improved display of  $C_{50}$  transparency by 10 dB
- Enrichment of values close to the maximum value of the speech brightness index  $D_{50}$  (narrow definition index  $D_{50}$ )
- Improvement of the STI speech transmission coefficient by 0.12 (narrow speech transmission index) and obtaining a very high value of 0,90.



# Acoustic furniture

that improves the acoustic comfort in the room





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- ① Large furniture surfaces made of acoustic foam (TV panels and headboards)
- ② All furniture and upholstery surfaces made of special acoustic foams
- ③ Upholstery elements in cardboard furniture
- ④ Bass traps
- ⑤ Surfaces under furniture covered with sound-absorbing materials