

# case study

## Hotel upgrade uses InstaLay under engineered parquet floors

Products used: **InstaLay 30hg (3mm high grab) loose laid to the sub-floor**

Floor finishes: **Weitzer Parkett engineered oak boards and solid oak blocks**

Architects: **Feilden Clegg Bradley Studios**

Flooring contractor: **Weitzer Parkett UK**

During a major refurbishment of the Grade II listed Magdalen Chapter Hotel in Exeter, the latest addition to the Chapter Hotels chain, new parquet wood floors were installed in all the bedrooms and the spa area. InstaLay proved to be both the most effective and economical acoustic underlay.

The upgrading of this former eye hospital, built in 1813, involved a value engineering process to save cost without sacrificing quality and performance. InstaLay proved to be more cost effective than the originally specified underlay, it also provided an increased acoustic performance of 23dB  $\Delta L_w$  for impact sound.

The 1,300m<sup>2</sup> of InstaLay enabled a quick, clean and easy installation as it was simply loose laid onto the existing sub-floor with its recycled rubber crumb composition masking any imperfections. As the release film was peeled back to reveal its adhesive membrane, the wood floor was positioned and pressed into place.

In the bedrooms the 11mm x 65mm x 500mm engineered oak boards were laid in a herringbone pattern while in the spa area the 21mm x 60mm x 500mm oak blocks were installed in a four board stagger pattern.

With the installation completed, InstaLay provided the high quality parquet wood flooring with superior acoustic performance and a durable underlay that will not collapse or degrade during the life on the floor.



CS64