

case study

InstaLay specified for major regeneration project

Products used: **InstaLay 50hg – 2,400m²**
(5mm high grab loose laid to the sub-floor)

Floor finishes: **Tarkett engineered hardwood flooring – 14mm**

Architects: **Levitt Bernstein**

Main Contractor: **Wates Living Space**

Flooring contractor: **InstaFloor**

The East Thames Development Consortium's £200m Ocean Estate project, in London's Tower Hamlets, is one of the UK's largest regeneration schemes, including new build and refurbishment programmes worth £47m and £38m respectively.

Within the new build development of 219 units of private and affordable housing, InstaLay self-adhesive acoustic underlay has been used on the ground floors to provide support for the engineered hardwood floors. (InstaCoustic cradle and batten raised acoustic floors were installed on the upper storeys)

The InstaLay 50hg was simply loose laid over the ground floors screeds and its rubber crumb composition masked any imperfections in the concrete sub-floor. With no adhesives being required, this enabled a very quick and clean installation.

As the release film was peeled back, the Tarkett wood floor was positioned, pressed into place and bonded to InstaLay's adhesive membrane. As the whole underneath surface of the wood floor was bonded to the InstaLay it provides a very solid feeling underfoot and, with acoustic performance of 26dB ΔL_w , significantly reduced the ambient impact sound normally associated with walking on a hard floor covering.

The durable, high performance InstaLay is also compatible with underfloor heating, which had been installed throughout the Ocean Estate, and, as it does not collapse over time, it will ensure long term support for the engineered hardwood floors.

