

case study

Superior cushioned flooring for upgraded school hall

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

Floor finish: **Heuga LVT 4mm click system**

InstaLay specified by: **Home Foundations
(Part of the Headlam Group)**

Flooring contractor: **H.B.D. Floors Ltd**

The busy main hall at White Rock Primary School in Paignton, Devon, required its floor to be upgraded. With the hall in almost constant use throughout the day for assembly, PE and dance classes, school lunches and other activities, the flooring and its underlay needed to be durable and long lasting while also providing underfoot comfort and improved acoustics.

To satisfy all these requirements InstaLay 30lg was chosen as an underlay system for the Heuga click LVT. Due to the size of the hall InstaLays low grab adhesive provided a tackifier bond that enhanced the click LVT joints and reduced the risk of header joints opening up due to expansion over a large floor area.

InstaLay offered various benefits as it:-

- Provided a cushion floor, with its rubber crumb composition, suitable for sports activities
- Enhanced the click joints by giving low grab adhesion to the LVTs
- Improved acoustic performance within the hall and reduced noise levels
- Ensured a more comfortable, warmer floor with its anti-fatigue characteristics

The InstaLay was simply loose laid over the chipboard sub-floor and, as the protective sheet was peeled back, the LVTs were positioned and then pressed into place, with the adhesive membrane securing the tiles and enhancing their click joints.

The result is a high performance cushion floor that has greatly improved the acoustics of the school's main hall and the children's daily environment. The headmaster was very pleased with the new floor and commented that, due to its cushioned nature, the children enjoyed their sports and dance activities far more and would sit still for longer during assemblies due to the improved comfort.

CS71



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