

## Case Study: Giant Leap Nursery, Burnley.

**Description:** Renovation of Listed Building & New Extension to create a Pre-school Nursery

**ThermaSkirt Profile:** Double Deco PR, Cricket & Urban LT Cricket White

**Client:** AVS Estates



ThermaSkirt provides the heating and skirting in one – here seen in a double height profile.

### The Challenge:

AVS Estates Limited, one of the leading providers of pre-school care in Germany, & have recently opened their 1<sup>st</sup> Nursery 'Giant Leap Childcare and Learning Centre' in Burnley, Lancs.

With one of the most impressive buildings in the area, Coal Clough House, being chosen for a major refurbishment and extension, the question of safe and efficient heating at the Nursery was a major issue for the company.

Dr Domenica Hume, Managing Director explained; "We wanted Giant Leap Nursery to be a home from home for our children, and we have paid particular attention to all the little details that can make such a difference to a child's development and welfare. We wanted a safe and comfortable environment for them to play in, and the ThermaSkirt system gives us just that."

## The Solution:

As Seen on Dragons Den, ThermaSkirt has been installed as a low surface temperature radiant panel skirting board, providing a gentle and energy efficient heat, all around the children's play areas and bathroom facilities.

Being a completely sealed, wipe-down profile, cleaning and maintenance is easily achieved, even with the inevitable 'spills' that can happen in a pre-school environment. As a radiant heat, there are no drafts or hot/cold spots eliminating the dust and particles that conventional radiators move around by air movement, which can exacerbate any respiratory conditions or spread bugs and germs.

Rapid response is also a major plus point of the ThermaSkirt system compared to under floor heating, easily coping with the various different class sizes, occupancy levels and activities, not to mention the fickle British weather.



Alcoves that would have had a radiator are now play areas.



Simple wipe down makes ThermaSkirt ideal for washrooms.

## The Result

With low surface temperature (LST) controls the safety and comfort of the children is assured. By being an 'above ground' and thus a very responsive system, ThermaSkirt enables just the right amount of heat to be used, and none wasted. Opening windows to cool over heated classrooms are a thing of the past, and the rooms are heated quickly from cold to ensure the children are comfortable and ready for learning and playing.

Valuable wall and play space has been saved to create a light and airy environment with no bulky radiators to avoid and no exposed pipes to worry about.

Above all, the energy savings afforded by ThermaSkirt (estimated at around 15% compared to a standard radiator) are ensuring the Giant Leap Nursery is running within budget and staying affordable.