



altro

Holyrood Academy, Somerset

Sustainable focus and biophilic
aesthetics for new school



Switching the
specification from
adhered floors to
adhesive-free, gave an
approximate carbon-
saving of 59.27%,
saving 3,893.34kg of
Co2 emissions.



- 1. Altro Stronghold™ 30 | Skyline
- 2. Altro Walkway™ 20 | Coal
- 3. Altro Wood™ adhesive-free | Champagne Oak
- 4. Altro Cantata™ adhesive-free | Rome





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Issue

Holyrood Academy provides secondary education for 11–18-year-olds in Chard, Somerset. One of the schools' values is for pupils to 'be supported and challenged to achieve the very best they can.' Carrying this ethos through into the furnishing of a new school extension, main contractor BAM Construct UK wanted to utilise sustainable products, reducing the buildings carbon footprint, and ensuring the build was delivered to timescales and budget.

Approach

To ensure the project was finished as sustainably as possible, representatives from BAM Construct UK, Altro and Recofloor met to discuss options for specification, and managing and recycling waste from the build.

After the consultation, and with prior knowledge and experience of previous successful installations, adhesive-free floor options were reviewed and selected based on the cost, time, and carbon-saving benefits. "It was imperative we delivered the build to timescales, but as sustainably as possible. The adhesive-free floors saved project time and reduced carbon output." said Graham Holt, Construction Project Manager, BAM Construct UK.

Solution

Creating maximum impact with minimum downtime, Altro Wood adhesive-free was specified for the dining area and Altro Cantata adhesive-free was specified for the corridors and communal areas, providing a safe, durable and decorative solution for the busy spaces.

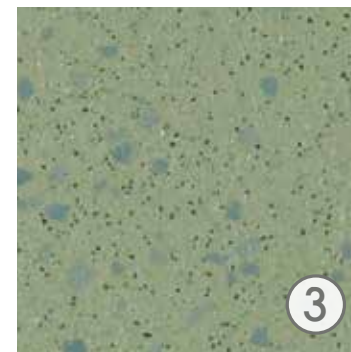
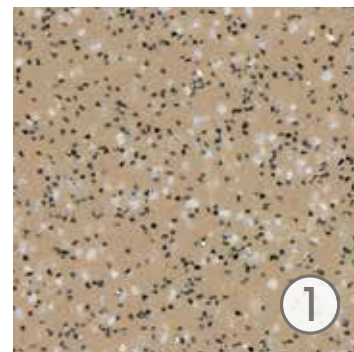
Altro Stronghold 30 was specified for the commercial kitchen providing comfort underfoot and keeping staff safe from slips.

Hard-wearing Altro Walkway 20 was specified for the toilets providing abrasion resistance, PUR cleanability, and superior chemical and stain resistance.



"Altro's adhesive-free floors have been designed with a circular approach and can be removed and moved to other locations with ease."

Amanda Wright,
Embodied Carbon and Circularity Lead,
BAM UK and Ireland



Looks great with:

1. **Altro Reliance™ 25** | Biscuit
2. **Altro Wood™** | Vintage Cherry
3. **Altro Aquarius™** | Tree Frog

Altro Stronghold 30 achieves Altro's highest rating for slip resistance (PTV ≥ 55 , R12) and is designed to minimise risk in wet and greasy conditions for the lifetime of the flooring.

Altro Walkway 20 is a versatile, hard-wearing safety flooring for general purpose areas. A contractors favourite for over 30 years as it's easy to install.

Altro Wood adhesive-free uses our award-winning adhesive-free installation method, it can be welded and walked on the same day, and at the end of its life can be removed easily, allowing it to be reused or recycled.

Altro Cantata adhesive-free provides enhanced cleanability making it ideal for busy public spaces where disruption needs to be minimal, and it has no associated adhesive odours.