

# BREEAM advice for Education

breeam



# Reasons to specify Profile 22

PVC-U windows and doors are one of the most popular improvements to education buildings because they improve the security, appearance, comfort of your class rooms and save you money on heating bills.

- Free design advice is available from BREEAM Education approved assessors
- Full BREEAM service is available from Design Consultancy through to Post Construction Review
- Field and office based technical support team
- Comprehensive specification information guide available on CD
- Extensive choice and information of low-maintenance sustainable PVC-U windows, doors, curtain walling and ancillaries
- SAFEWARE hardware for peace of mind concerning security
- Wide range of glazing, aesthetically pleasing styles and finishes
- Designed and tested to meet all relevant industry standards and Building Regulations to ensure optimum quality, durability and energy efficiency
- Dedicated network of Approved Commercial Manufacturers



Create a brighter, quieter and warmer learning environment



# What is BREEAM Education?

The environmental performance of the buildings used on a day-to-day basis is an important issue to us all.

The problems of increasing fuel costs, global warming and climate change will continue for the foreseeable future.

BREEAM Education (BRE Environmental Assessment Method for Education) measures the environmental impact of a building throughout its life, providing guidance on methods of minimising the adverse effects of buildings on the environment, whilst promoting a healthy and comfortable indoor environment.



**BREEAM Education assess the performance of the following nine key areas:**

- **Management**  
Policy, procedure and documentation issues that relate to the ongoing efficiency of the school
- **Health & wellbeing**  
Both in and external environmental issues that relate to the health & wellbeing of the buildings users
- **Energy**  
CO<sub>2</sub> emissions that results from the operational energy consumption and sourcing
- **Transport**  
Provision for cyclists, pedestrian and public transport
- **Water**  
Consumption and leakage of water and related water issues
- **Materials**  
Implications on the environment caused due to material selection
- **Waste**  
Promoting resource efficiency via the effective and appropriate management of construction site waste
- **Land use & ecology**  
Ecological value of the entire site, which includes any changes resulting from any development
- **Pollution**  
Water, land and air pollution issues

## BREEAM Education rating

The final ratings are worked out using the BREEAM consensus- based weighting system, which covers all of the nine key areas.

The weighting is used to reflect the importance of the nine key areas and arrives at a single score that relates to the overall environmental impacts of the building.

## The assessment process

Profile 22 provides assessment services using our experienced licensed assessors. However, only BRE can issue BREEAM Education certificates under the scheme to ensure we follow the correct procedures.

Formal assessment will only occur towards the end of the design stage, however it is important that issues covered by BREEAM Education are considered in advance of this. Involving one of Profile 22's assessors at an early stage of the development process can ensure that the environmental performance of your building, and therefore your BREEAM rating, is optimised.

## BREEAM assessment process

Service	Design stage	Overview of process
Design Consultancy	All Stages	Assessor included in the design team to guide the design process
Outline design stage Guidance meeting	RIBA stage A-C	Assessor to hold meetings with design team and client to discuss any issues that may effect the assessment
Detailed design stage Guidance meeting	RIBA stage D	Assessor to hold further meetings to discuss any issues that may effect the assessment
Formal design stage Assessment Review	RIBA stage D-E	Assessor will review the design and information available and produce a provisional assessment rating
Final design stage Certification Available	RIBA stage D-E	Formal assessment submitted and certification by BRE
Post Construction Review	Post Construction RIBA stage H	Assessor to check specification against actual build. Changes that have occurred will be assessed as required
Post Construction Review Certification	Post Construction RIBA stage H or later	Formal assessment submitted and certification by BRE



## BREEAM Education assessment fees

Free design advice available from BREEAM Education licensed assessors.

Full BREEAM service available from Design Consultancy through to Post Construction Review

If you are interested in our BREEAM services contact Profile 22 for a free initial consultation on **01952 290910**.




After



Before



## Why replace your old windows?

Replacing old, damaged and sometimes dangerous windows with the latest energy-rated, advanced performance, windows from Profile 22 has immediate benefits:

- Better security, deterring intruders and theft or damage
- Creating a brighter, quieter and warmer learning environment
- High performance windows reduce heat loss by approx 20%
- Improved safety with advanced performance hardware
- Investment in school is visible to all both internally and externally
- Low long-term maintenance costs - PVC-U service life of 35 years (BRE)
- Investment that offers payback
- Replace old frames with sustainable new windows containing recycled materials
- Sustainable product solution aligned with the DCSF sustainable schools strategy
- Weatherproof eliminating leaks or draughts

For more information  
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FM09180



KM12895  
BS EN 12608  
PROFILE



KM33523  
BS7950/BS EN 12608  
ENHANCED SECURITY  
WINDOWS



KM56791  
PAS23-1 & PAS24-1  
SYSTEM SUPPLIER  
GENERAL & ENHANCED  
SECURITY DOORS



EMS9000  
BS EN ISO 14001



BBA  
BRITISH  
BOARD OF  
AGREEMENT  
PROFILE22



BREEAM Assessment Company



Printed on 250gsm Take 2 offset 100% recycled  
and chlorine free

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