

Eurocell Building Plastics technical information



All together better



Colour fastness

Foam profiles / rigid profiles

BS1006 / 1990 Part A03 - Tests undertaken by BSI Testing for colour change resulted in an actual classification of 4 / 5 (where 1= most change and 5 = least change).

Fire rating

Foam profiles

Tested to BS476 Part 7:1997 Class

1 surface spread of fire. Woodgrain profiles do not carry a fire rating.

Rigid profiles

Tested to BS476 Part 7:1997 Class

1 surface spread of fire.

Thermal conductivity

Foam profiles 0.07 (w/mk)

This low coefficient of thermal conductivity for Foam Profiles indicates thermal insulation properties better than brick, concrete or timber.

Rigid profiles 0.14 (w/mk)

Density

Foam profiles 0.55 - 0.6 g/cm³

Rigid profiles 1.40 - 1.50 g/cm³

Maintenance

Foam and rigid profiles should not require any further maintenance other than the occasional wash down with a non-scratch, mild detergent and water. They are resistant to most acids and alkalis but can be damaged by solvents. Great care should be taken when in contact with creosote or bitumen-based products as these will cause staining of the profiles. Painting is not recommended on foam profiles unless done by an approved contractor.

Workability

Foam profiles

Eurocell cellular foam PVC-U products are easy to work with using normal hand tools for drilling and cutting. It is recommended that the saw should have a fine tooth blade (PVC-U saws are available from Eurocell branches). PVC-U products should not be fitted below 0°C as the boards may become brittle.

Handling and storage

Profiles are packed in polythene sleeves identifying a particular shade of white. Protective tape should only be removed immediately before installation to prevent damage.

British Standards

The Eurocell Building Plastics products supplied by Eurocell Profiles Ltd are produced in accordance with a BS EN 150 9001:2000 accredited quality system.

Guarantees

Based on the technical testing information obtained from BSI, the white foam and rigid profiles are covered by a 20-year guarantee and foiled woodgrain foam and rigid profiles are covered by a 10-year guarantee on colour fastness, provided they are fitted to the manufacturers recommendations.