

# 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/cm<sup>3</sup>

### Rigid profiles 1.40 - 1.50 g/cm<sup>3</sup>

## 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.