

CTF-PR (Profiles) is a range of bespoke, shaped CTF-01 (EPS (expanded polystyrene)) boards. The CTF-01 can be cut to suit any existing profile roof sheet and used to enhance insulation levels and create a suitable base for any suitable waterproofing system. Other shapes such as curved boards can easily be created. The product's robust environmental credentials, high compressive strength and dimensional stability make this product ideal for these applications.

Technical Data

CTF-01 150 (EPS 150E)

Thermal conductivity	@10%c	0.034W/m ²	EN 13163
Compressive strength	@10%c	150kpa	EN 13163
Safe working load	@1%c	70kpa	EN 13163
Vapour diffusion resistance	μ	30-70	EN 13163
General board size	1200mm	600mm	EN 13163
Reaction to fire	E	combustible	EN 13163

CTF-01 200 (EPS 200E)

Thermal conductivity	@10%c	0.033W/m ² K	EN 13163
Compressive strength	@10%c	200kpa	EN 13163
Safe working load	@1%c	90kpa	EN 13163
Vapour diffusion resistance	μ	40-100	EN 13163
General board size	1200mm	600mm	EN 13163
Reaction to fire	E	combustible	EN 13163

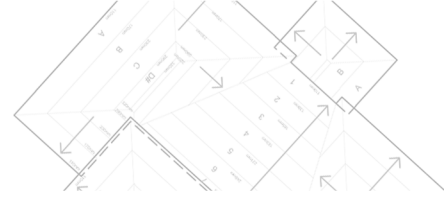
Features

- CFC, HFC and HCFC free
- Ozone Depletion Potential "ODP" zero
- Global Warming potential "GWP" <5
- BRE Green Guide A+ generic rating for EPS
- 100% Recyclable after the useful life of the building
- Easy handling, cutting and installation

Storage & Handling

CTF-PR boards are lightweight and easy to handle. Material should be stored on pallets or skids ideally under cover internally or failing that, on a level surface, suitably covered with waterproof tarpaulin to prevent prolonged exposure to sunlight. The pallets/ skids should be secured to prevent movement or damage. The products must not be exposed to open flame or other ignition sources. Care must be taken to avoid contact with solvents and materials containing organic components.





Installation & Fixing

A template of the existing profile shape should initially be provided, from which a manufacture drawing will be produced. A trial sample board will be provided to ensure correct fitting. On verification of the CTF-PR's suitability, production will be undertaken of the full design scheme.

The boards can be either mechanically fixed with thermally broken fixings or fully bonded with CTF-PU1 adhesive.

Only install areas of insulation system which can be covered to ensure they remain dry. Insulation must be always protected from the ingress of water; night joints should be installed to prevent this. Appropriate stop battens should be installed to protect insulation boards' open edges during installation.

Protection

Adequate temporary protection must be provided above the installed insulation system especially where any of the following occur:

- Unloading materials onto roof
- Temporary walkways and access
- Storing materials on roof
- Or any other activity that can cause damage to the system

Under no circumstances should the system be used as a working platform or other trades material storage unconnected to the roofing works.

