CTF-06

CTF-06 is a hybrid system consisting of a tapered CTF-01 (EPS) board with a flat CTF-02 (Tissue faced PIR (polyisocyanurate)) insulation board overlay, used in warm roof applications to create drainage falls under any fully bonded suitable waterproofing system. The product's robust environmental credentials, high compressive strength and dimensional stability make this product ideal in a variety of applications.

Technical Data

CTF-01 Tapered

Thermal conductivity	@10%c	0.034W/m²K	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-02 Flat

Reaction to fire	Euroclass rating	F	EN 13501
Thermal conductivity	25-79mm	0.027W/m²K	EN 13163
	80-119mm	0.025W/m²K	EN 13163
	120+mm	0.024W/m²K	EN 13163
Compressive strength	@10%c	150kpa	EN 826
Vapour diffusion resistance	μ	NDP	NDP
General board size	1200mm	1200mm	EN 13165
	1200mm	2400mm	EN 13165
Board thickness	25mm-160mm		EN 13165
Facing	Glass tissue	NDP	NDP

Features

- CFC, HFC and HCFC free
- Ozone Depletion Potential "ODP" zero
- Global Warming potential "GWP" <5
- BRE Green Guide A+ generic rating for the EPS. BRE Green Guide A for the PIR
- Easy handling, cutting and installation

Storage & Handling

CTF-06 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 mechanical and water damage. The pallets/ skids should be secured to prevent movement or damage. The products must not be exposed to open flame or other ignition sources. Boards that have been allowed to get wet should not be used.

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Installation & Fixing

All roof dimensions, position of rainwater outlets and any obstructions must be checked against the appropriate design drawing supplied. Insulation boards should be installed over a suitable vapour control layer.

The design drawing supplied should be followed to lay CTF-06 flat and tapered boards from *setting out points* noted, generally laying towards low points unless otherwise instructed.

The boards can be either mechanically fixed with thermally broken fixings or fully bonded with CTF-PU1 adhesive. Gutters and sumps should be cut on site to suitable dimensions.

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 including skips, scaffolding or other trades material storage unconnected to the roofing works.