



CTF-UB1 is an upstand board for use in inverted roof applications to prevent cold bridging. The CTF-UB1 consists of flat CTF-05 (stone wool) board laminated to a flat CTF-FS1 (cement), providing an A2 non-combustible product to comply with building regulations.

Technical Data

CTF-05 Flat

Reaction to fire		A1	EN 13501-1
Thermal conductivity	@10% ρ	0.037W/m ² K	EN 12667
Compressive	@10% deformation	30kpa	EN 826
Tensile	Perpendicular to face	15kpa	EN 1607
Length	1200mm	+/-2%	EN 822
Width	600mm	+/- 1.5%	EN 822
Thickness	50mm	T5	EN 823
Vapour transmission		MU1	EN 12086
Water absorption	≤3gm/m ² max	NP	EN 12087

CTF Factory Adhesive

(Tensor grip L17 applied @ 16gm/m² A2-s1,d0 reaction to fire classification)

Reaction to fire		A2	EN 13501-1
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CTF-FS1 Flat

Reaction to fire	Euro class rating	A1	EN 13501
Thermal conductivity	6mm	0.244W/m ² K	EN 12667
Density	@10% ρ	1300kg/m ³	EN 12467
Vapour permeability		Pass	EN 12467
Board size	1200mm	600mm	EN 13165
Board thickness	6m	Pass	EN 13165
Heat resistance		<35%	EN 12467
Water absorption		Pass	EN 12467
Freeze / thaw resistance			EN 12467





Features

- CFC, HFC and HCFC free
- Ozone Depletion Potential "ODP" zero
- Global Warming potential "GWP" <5
- BRE Green Guide A (system dependant)
- Easy cutting and installation

Storage & Handling

CTF-UB1 boards 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 the elements. The pallets/ skids should be secured to prevent movement or damage. Boards that have been allowed to get wet should not be used.

Installation & Fixing

The upstand boards should be fixed to the vertical surface face with mechanical fixings at each corner. The CTF-K Shield (WFRL) on the CTF inverted roof system should be taken up 150mm on to the upstand and sealed with CTF-K Tape.

A parapet or cladding drip flashing should be installed as soon as practically possible. In the event of delay, a suitable temporary weatherproof covering should be installed to prevent any ingress of water to the upstand board.

Only install areas of upstand which can be covered to ensure they remain dry. Insulation must always be 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 upstand boards to prevent water ingress (both permanent and temporary).

