



AMF Ceiling Tiles provide a high standard of fire protection within buildings. This performance is both in control of the development and spread of fire as well

as structural fire resistance. AMF ceiling tiles have been tested in accordance with different parts of BS476 and national fire regulations of other European countries.

FIRE PROTECTION TO TIMBER FLOOR ASSEMBLY

A timber floor assembly protected by AMF THERMATEX mineral ceiling tiles in a fire-rated exposed grid system was subjected to a fire resistance test in

accordance with BS476: Part 21: 1987, Clause 7. The specimen satisfied the performance criteria for the following periods:

▶ Loadbearing capacity:	72 minutes	Warrington Fire Research Centre Report No. 117523 dated 16 July 2001
▶ Integrity:	72 minutes	
▶ Insulation:	72 minutes	





The timber floor assembly comprised 19 mm thick softwood floor boards with a 3 mm hardboard covering nailed to softwood joists size 225 x 47 mm.

The ceiling tiles used were AMF THERMATEX mineral wool size 600 x 600 x 15 mm with a recessed edge (VT) detail.

All tiles were installed in the fire-rated exposed grid system without hold-down clips.

The fire-rated grid was installed with main runners at 1200 mm centres which were then generally suspended from the timber joists at 1200 mm centres.

A 600 x 600 mm light fitting was incorporated into the ceiling and protected by an **AMF FIRE-RESISTANT LIGHT BOX.**

PERFORMANCE TABLE

Period	Type	Report Nos.
60 minutes	BS476:Part 23: 1987 under steel beams	WFRC No. 102765 and 107637
60 minutes	BS476:Part 21: 1987 under timber joists	WFRC No. 117523
60 minutes	BS476:Part 21: 1987 under mezzanine floor	WFRC No. 102642 and 104540

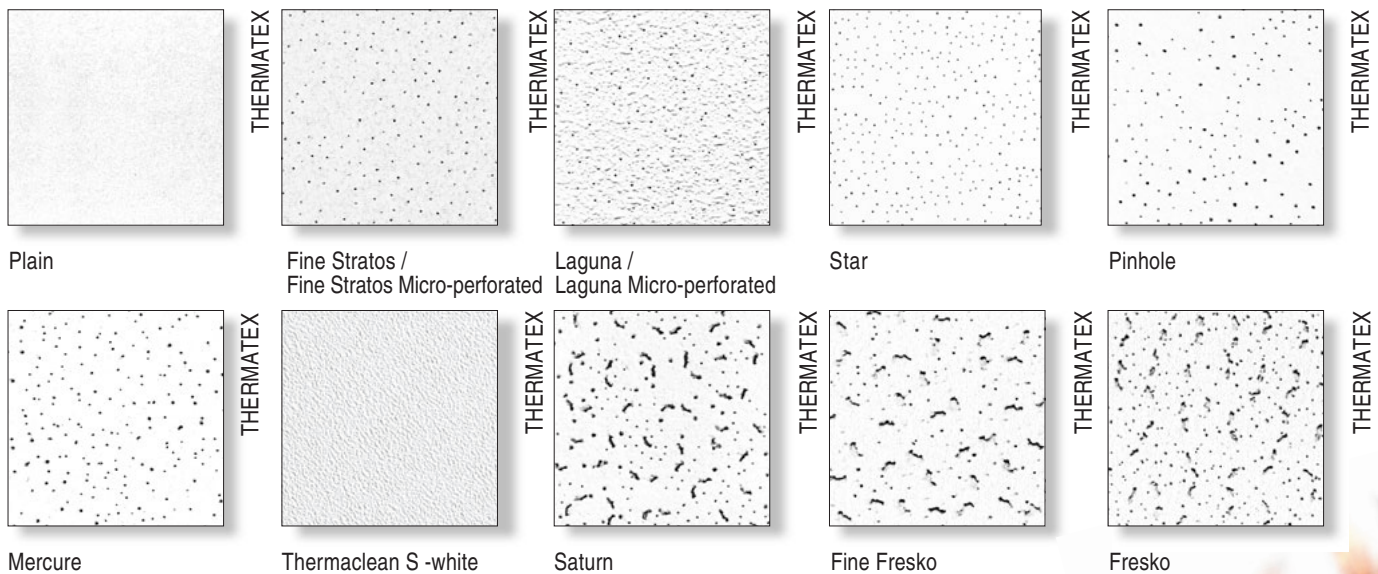
IMPORTANT

The test results stated above relate only to the specimen tested. Installation must be carried out in accordance with the test report data, as any variation from these conditions may affect the fire protection capabilities of the ceiling system.

For comprehensive description of tests and test specimen, reference must be made to the appropriate full document.

SURFACE DESIGNS

The AMF THERMATEX range of mineral wool ceiling tiles offers a wide choice of face patterns and designs.



Illustrated face patterns are examples.

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