



Darchem Flare is an independent UKAS fire accredited test facility (Darchem Flare - No. 0666). This service is available to external customers and Darchem Business units for both fire, thermal and other confirmatory testing / test support. Its capability to offer testing (accredited and non-accredited) serves numerous industries including;

- Nuclear
- Aerospace
- Construction/Agricultural Equipment manufacturers
- High Performance Automotive

The same standard criteria must apply to non-accredited tests as that of accredited tests. Examples of additional test capabilities include;

- Qualification testing
- Insulation permeability
- Thermal cycle soak
- Environmental cycling
- Compressive and tensile strength
- Flame retardency

#### Capabilities include testing to accredited standards for;

**BEAMS** – Fire resistance - BS 476:Part 20:1987, BS EN 1363-1:1999, BS 476:Part 21:1987:Section 5, Fire Test Study Group Resolutions 47, 70 and 77 & BS EN 1365-3:2000

**FLOORS/FLAT ROOFS** - Fire resistance - BS 476:Part 21:1987:Section 7, BS EN 1365-2:2000

**FLOORS (Passenger Carrying Trains)** - BS 6853:1999:Clause 7.1

**CEILING MEMBRANES** - Fire resistance BS 476:Part 22:1987 Section 9, BS EN 1364-2:1999

**PROTECTIVE MEMBRANES IN FLOOR OR ROOF ASSEMBLIES** - Fire resistance ASTM E119-2007

**AIRCRAFT INTERIORS** - Fire performance FAA 14 CFR: Part 25: Appendix F:2003

**AIRBORNE EQUIPMENT** - ISO 2685:1998 (E)

