

## **ATTACHMENT 6**

### **Materials Fire Retardancy Standards**

The following schedule of materials Fire Retardancy Standards must be verified by each manufacturer and may be subject to independent assessment during or after submission.

The current minimum LBSL Materials Fire Retardancy Standards for each type of material used on a vehicle are: -

- All GRP materials utilised interior and exterior, BS476 Class 1  
This applies to interior and exterior components and both inner and outer surfaces of the GRP. Front and rear body roof domes are exempt from the Class 1 requirement on their outer surface only but should achieve BS476 Class 2
- Melamine Laminates (side or roof panels), BS476 Class 1
- Plywood Flooring and any other wood utilised, BS476 Class 1 SSF
- Floor covering, BS476 Class 1
- Hand poles including coating, BS476 Class 1
- Seat frames (ABS or Polycarbonate), UL94VO
- Seat filling, BS5852 crib 7 with waver for spread of flame
- Seat moquette, BS5852 Class 1 crib 7
- Body Insulation, BS 476 Class 1
- All ABS products (capping and finishing trims), UL94VO
- Glazing gaskets, FMVSS 301
- Light lenses (interior and exterior), BS476 Class 1Y
- Assault screens, BS476 Class 1Y
- Body and Floor insulation, BS476 Class 1

The above materials or treatment used to achieve the standard must be capable of achieving the required standard when suitably cleaned or maintained over the operational life of the bus.

Replacement components and their associated material must achieve the original standard.

**These requirements will be constantly reviewed and update as technology and manufacturing capability develops. They may be exceeded at any time.**