

## **Assessment criteria for partition screen installation into PHVs**

### **Rigid plastic glazing\***

All screens and interior fittings should be securely fitted within the vehicle in accordance with regulations UN ECE R43.00 and R21.01 and Section 12 of the M1 category DVSA IVA manual:

- Comply with the material and installation requirements of ECE R43.00 (Annex 14) for rigid plastic glazing acting as a partition or separating window. Where rigid plastic glazing is used; it must meet the requirements for exterior or interior forward facing panes (/A)
- Comply with ECE R21.01 for interior fittings and Section 12 of the M1 category IVA manual
- Rearward vision should not be distorted when using interior rear view mirror
- Communication between driver and passengers must not be severely compromised
- Vehicle safety features, such as driver, passenger and curtain air bags, must not be negatively affected
- Entry and exiting of the vehicle should not be compromised

### **Flexible plastic glazing\***

All screens and interior fittings should be securely fitted within the vehicle in accordance with regulations UN ECE R43.00 (Annex 15) and R21.01 and Section 12 of the M1 category DVSA IVA manual:

- Comply with the material and installation requirements of ECE R43.00 for flexible plastic glazing acting as a partition or separating window
- Comply with ECE R21.01 for interior fittings and Section 12 of the M1 category IVA manual
- Rearward vision should not be distorted when using interior rear view mirror
- Communication between driver and passengers must not be severely compromised
- Vehicle safety features, such as driver, passenger and curtain air bags must not be negatively affected
- Material should have a minimum thickness of .35mm
- Entry and exiting of the vehicle should not be compromised

\*Partition material is not mandated, but materials such as polycarbonate and PETg may be suitable, depending on the supporting data that is available from the material manufacturer