

Assessment criteria for partition screen installation into PHVs

Rigid plastic glazing*

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

Requirement	Assessment method
Comply with the material 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)	Documentation review Visual assessment
Comply with the installation requirements of ECE R43.00 for rigid plastic glazing acting as a partition or separating window	Documentation review Visual assessment
Comply with ECE R21.01 for interior fittings and Section 12 of the M1 category IVA manual	Documentation review Visual assessment
Rearward vision should not be distorted when using interior rear view mirror	Visual assessment
Communication between driver and passengers should not be severely compromised	Audio assessment
Vehicle safety features, such as air bag systems, should not be negatively affected	Vehicle manufactures data or vehicle manufacturers declaration (if available) Visual assessment
Entry and exiting of the vehicle should not be compromised	Visual assessment

*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

Assessment criteria for partition screen installation into PHVs

Flexible plastic glazing*

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

Requirement	Assessment method
Comply with the material requirements of ECE R43.00 (Annex 15) for flexible plastic glazing acting as a partition or separating window	Documentation review Visual assessment
Comply with the installation requirements of ECE R43.00 for flexible plastic glazing acting as a partition or separating window	Documentation review Visual assessment
Comply with ECE R21.01 for interior fittings and Section 12 of the M1 category IVA manual	Documentation review Visual assessment
Rearward vision should not be distorted when using interior rear facing mirror	Visual assessment
Communication between driver and passengers should not be severely compromised	Audio assessment
Vehicle safety features, such as air bag systems, should not be negatively affected	Vehicle manufactures data or vehicle manufactures declaration (if available) Visual assessment
Material should have a minimum thickness of .35mm	Documentation review Measure thickness
Entry and exiting of the vehicle should not be compromised	Visual assessment

*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