

Objectives

1. To perform an independent desktop assessment of evidence submitted by the screen supplier, which is intended to demonstrate compliance to the TfL required standard.
2. To provide a compliance recommendation with respect to item 1.

Conclusions

1. The applicant has demonstrated compliance with the TfL required standard.

Facility and Date

The desktop assessment was performed by Millbrook Proving Ground.

Contact:

[REDACTED]
[REDACTED]
[REDACTED]

Screen Material

Item

Identification

See Appendix 1 – Material CE declaration

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Results and Discussion

The material that [REDACTED] have submitted for their screens to be manufactured from is a 1.5mm thickness polycarbonate. This is branded as “Polybright Polycarbonate” and is presented by [REDACTED] as meeting the UN ECE R43.00 requirements for flexible plastic glazing.

The full details of the material manufacturer and it’s “CE” declaration of conformity are contained in Appendix 1.

[REDACTED] have provided evidence that the material has been tested to UN ECE R43.00 (see Appendix 2).

UN ECE R43.00 Annex 3, Paragraph 12 (flexibility)

Evidence :	Millbrook Assessment :
<i>See Appendix 2, section 5.</i>	The material meets the criteria to be categorised as a “Flexible plastic” glazing.

UN ECE R43.00 Annex 15, Paragraph 4 (Impact 227g)

Evidence :	Millbrook Assessment :
<i>See Appendix 2, section 5.</i>	The material conforms to the specification.

UN ECE R43.00 Annex 3, Paragraph 9.1 (Light)

Evidence :	Millbrook Assessment :
<i>See Appendix 2, section 5.</i>	The material conforms to the specification.

UN ECE R43.00 Annex 3, Paragraph 10 (Fire resistance)

Evidence :	Millbrook Assessment :
<i>See Appendix 2, section 5.</i>	The material conforms to the specification.