



# Product Manual

## **ALM series Mirrors**

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# Table of Contents

1. Disclaimer .....	3
2. Overview .....	4
3. Installation Guidelines .....	4
4. Technical Specifications .....	4
5. Maintenance & Cleaning .....	5
5.1 Washing .....	5
5.2 Polishing.....	5
5.3 Removing Scratches .....	5

## 1. Disclaimer

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Please ensure this manual is passed to the end user. The manual forms an integral part of the product and should be kept for its working life. Additional copies of this and other supporting documents are available by contacting Wallgate Ltd or by visiting [www.wallgate.com](http://www.wallgate.com)

## 2. Overview

A range of anti-ligature, extremely robust polycarbonate mirrors with solid surface surrounds. The single piece surrounds encapsulate a tough, high grade scratch-resistant polycarbonate mirror.

Various sizes and colours are available, please refer to Wallgate website for further details: [Anti-ligature mirrors](#)

## 3. Installation Guidelines

**NOTE: When using structural adhesive and anti-pick mastic, follow guidelines supplied with product.**

- The mirror can be installed using structural adhesive to bond the frame to the wall, or alternatively holes can be drilled through the frame at each corner so that it can be fixed using security pin TORX tamperproof countersunk head screws.
- Models are available with pre-drilled holes for front fixing; see [Anti-ligature mirrors](#)
- The 5mm flat surface around the edges of the frame are to facilitate the application of an anti-pick, hard set mastic such Sikadur 33 to seal it to the wall. Use a suitable tool to profile the mastic so that it follows the angle of the frame

## 4. Technical Specifications

Table 1. Specifications

<b>Frame</b>	Hard Polyester solid surface material.
	BS476 Pt 6 Class 0 & 7 Class 1 – fire propagation and surface spread of flame
<b>Polycarbonate Mirror</b>	“Plaskolite”, Polycarbonate mirrored sheet with “Armadillo” scratch resistant coating.
	Fire Grade: Horizontal extent of burning: ASTM D-635 <1in. Horizontal time of burning: ASTM D-635 <1min. Self Ignition Temperature ASTM D-1929 °F 1077 Flash Ignition Temperature ASTM D-1929 °F 872

## 5. Maintenance & Cleaning

**NOTE: Take care when cleaning the Polycarbonate Mirror surface as the use of incorrect cleaning fluids can cause irreparable damage.**

### 5.1 Washing

- Use mild dish soap and a damp soft cloth to wipe the surface of the Polycarbonate mirror and frame. Use a light pressure, avoiding the edges of the sheet.
- Do not use window-cleaning sprays, kitchen scouring compounds or other chemicals to clean the mirrored sheets.
- Replacement Polycarbonate mirrors are available, contact Wallgate sales for part numbers.

### 5.2 Polishing

- A surface gloss can be maintained by occasionally using a flannel cloth and a good plastic cleanser or polish, such as Johnson's Pledge. Follow the instructions for polishing on the container.

### 5.3 Removing Scratches

- Fine scratches can be removed by hand polishing with a plastic scratch remover or compound cleaner. Remove all residue and polish with a flannel cloth. Deep scratches need to be lightly sanded using a 400 grit "wet or dry" sandpaper.



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