

# mirror technology

## NOTES ON THE USE OF TRAFFIC MIRRORS



The use of mirrors in traffic safety is a straightforward and inexpensive method of increasing visibility round blind bends and at road junctions. However care is required in selection of the most suitable product to achieve a wide view while maintaining clarity of the image. All convex mirrors reduce the image size to achieve this wider view. Note that a mirror is always a compromise, it is better to remove obstructions to the view if possible. When using a mirror do not attempt to judge traffic speed. If a vehicle is observed do not proceed.

The following notes may be useful in selecting mirrors for traffic safety:

- ◆ Acrylic is shatterproof and suitable for most applications. Where vandal resistance is required or there is a risk of impact polycarbonate is recommended. The PVX range has a polycarbonate lens and the RTM can be fitted with a protective membrane.
- ◆ Mirror Technology manufacture mirrors of two degrees of curvature, 90° and 180°. The 180° version is suitable for factory roads and very narrow streets with slow moving traffic. For road traffic only the 90° versions are suitable. Use FVX90, PVX90, TM7045 or RTM. (derivatives of 90° standard mirrors)
- ◆ The FVX90 24 is a good general purpose mirror and is suitable for viewing from up to 6m. The PVX90 50 offers a similar view. The TM7045 has a wider view and may be preferable when viewing from about 8m. The SVX version has a similar view to the FVX90 24 . The RTM models provide an excellent view up to 12m and are most suitable for busy main road junctions. They can be heated to reduce condensation and a vandal resistant version is available. The RTM 80 is suitable for viewing from up to 8m, the RTM 100 for longer range viewing, up to 12m .
- ◆ Care must be taken to avoid dazzle from the sun, especially during morning and early evening. The RTM and TM mirrors are rectangular and may be more effective where this problem arises.
- ◆ Mirror Technology can provide assistance in the selection of traffic mirrors. A sketch of the hazard and approaches would be very helpful.

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