



D&E 3850 Fire Rated Ultrascope Installation Instructions

**Please read these instruction fully before attempting to install your
DE3850 EI30 / DE3850 EI60
Ultrascope Door Viewer**

Before drilling the hole in your door...

Carefully unscrew the front cover holding the big lens - making sure not to drop the glass lens.

Locate the small piece of intumescent inside the body to establish its location and how it needs to be positioned.

Remove the intumescent again, remove the adhesive backing and re-position it back in the viewer body.

Re-attach the front lens parts.

**This action has already
been completed**

INTERNAL



EXTERNAL



The next part...

Put the installation template / sticker enclosed in the desired position on the door, ensuring that the horizontal line 'C' on the template is aligned with the actual horizon.

Drill the hole indicated 'A' in *Diag. 1* allowing for the external intumescent (**the hole size needs to be 42mm diameter not the 38mm indicated on the template sticker as this is for the NON fire rated model**)

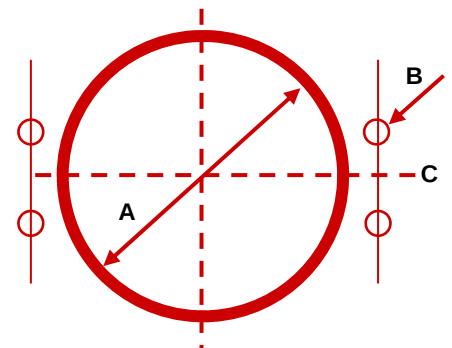
Using a bradawl mark the positions for the 4 locating spikes 'B' located each side of the main body hole - **These are on the external side of the door.**

Remove the template

Unscrew the body so that it is ready to be located through the door. Remove the self-adhesive backing from the remaining intumescent and wrap it around the main part of the Ultrascope body.

Put the main body of the Ultrascope through the hole from the internal side of the door and screw on to the front end.

Tighten the nut around the body to secure the Ultrascope in position - **NOTE: This nut needs to be removed for 1hr fire rated doors of 54mm thick.**



Diag. 1