

# SUPERFAST Case Study

## 19th Century Lantern Restoration

Superfast Steel is used in the restoration of a lantern dated to the 1870s or 1880s, enabling it to light up spaces as it did in its Victorian heyday



*The original candle holder was too small to support larger, modern day candles and tea lights*



*Superfast Steel was formed into a new platform and spike capable of holding larger candles*



*New candleholder slotted perfectly into original fitting, enabling the lantern to support modern-day candles*



*Wire, plastic tubing and more Superfast Steel fixed a new latch in place. All parts were then painted black to complete the restoration*

### Defect

Two areas of the candle-lit lantern needed attention to restore it to working order.

A new latch needed to be fabricated to lock the lantern door. Whenever there was a breeze, the door would blow open, extinguishing the candle.

The original candleholder in the lantern was designed for use with Victorian-era candles. A new platform and holder had to be fabricated to support larger, modern day candles and tea lights.

### Solution

**Superfast Steel Epoxy Putty Stick** was used to form a new candleholder. First, the putty was moulded into the shape required for the platform.

Once the platform had cured, a spike was made from more putty to slot into the existing holder.

The super-strength adhesion of Superfast Steel enabled the spike to bond to the new platform, creating a holder capable of supporting big candles.

To lock the door, a metal wire was bent into a T-shape and attached to the door using plastic tube and further Superfast Steel. This wire dropped into an existing latch, locking the door in place.

### Result

Once the newly made candleholder and latch were painted black, they appeared seamless with the rest of the lantern.

The restoration was completed for under £15 and the lantern is now lighting up a garden in Sussex.