



# ROTHKEGEL

Glasgestaltung · Glasrestauration · Glastechnik · Leuchtenmanufaktur · Leuchtentechnik

## The warp-resistant framing realises long-term stability for the glass-painting fields

The warp-resistant framing ensures the stability of the leaded glass and de-couples these to the greatest possible extent from damaging influences to which the building is subjected – for instance, due to rust pressure in metal elements or settling in the masonry. Particularly for the simultaneous installation of exterior protective glazings.

In later work on the room shell, the warp-resistant framing enables the simple and efficient removal of the valuable glass paintings. Wall conservators or church painters can more effectively re-work the room shell, and the glass paintings can be maintained in the meantime.

Narrow rolled-lead strips attached to the sides enable the perfect coverage of light panes on the sides. In their installed condition, lead coverings soldered at the rear are pressed flatly onto the stone walls framing the window, close to the brass frame.

Numerous steps are required for a well-conducted warp-resistant framing (also detailed):



Preliminary bending of brass profiles



Constant verification of correct bending



Adjustment of the second brass U-profile



Cutting out of the base if the brass U-profile to avoid gaps



Removal of the base



Verification of proper fit



Comparison to the next counterpart



Precise marking



Fitting to shape for proper



Joining



The brass frame is now circumferential and can be soldered



The soldered brass U-profile on another field shape



Attention to the smallest detail, brass U-profile and no gaps



Fitting of the rolled-lead cover



Soldering on (rolled-lead cover)



Detail of the finished rolled-lead cover"