



For monitoring movement across cracks in buildings or in rock the crack spy is used as a cost-effective instrument. It consists of two plastic plates which overlap for part of their length. One plate is calibrated in millimetres and the overlapping plate has an hairline cursor (see Fig. 1).

As the crack width opens or closes, one plate moves relative to the other. The relationship of the cursor to the scale represents the amount of movement occurring. The measuring range is ± 20 mm, the measuring accuracy $\pm 0,5$ mm.

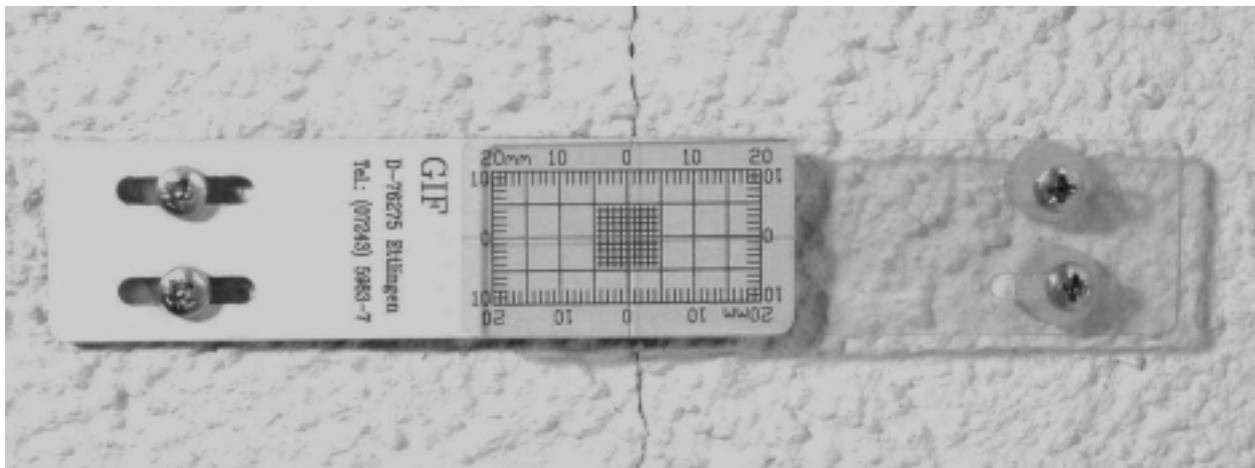


Fig. 1 Crack spy in its standard version

The two plates can be fixed at the monitoring point either using a two-package system or dowels, if the situation allows it.

Besides the standard crack spy different variants are available: One for monitoring movement across cracks in corners, one for monitoring settlement of floors relative to wall, column, etc., and another for monitoring movement across cracks when one surface moves out of plane with the other, particularly at retaining walls.