

Find Out What Happened When The Keylex 2100 Was Put To The Test

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Product Test

The Keylex K2100 is put through its paces

Extract from the PSI Magazine article (Published September 2014)...



8.5 out of 10

The *Keylex 2100* from Relcross is an example of the growing number of mechanical code locks on the market today. The heavy duty K2100 series is available with knob or lever action operation for use with *mortice deadlocking latch* or *mortice sashlock*. A further version is compatible with *rim lock panic bars for escape door applications*. The lock comes as a complete assembly with the sashlock or latch as applicable.

The unit provided for evaluation was a K2100L lever action (to both sides) with double-throw deadlocking latch in satin chrome finish. Construction of the mechanical code door furniture is very solid and has been designed for high traffic applications where several hundred operations may be required daily. Consequently the product is somewhat bulkier than some similar products on the market.

The unit is suitable for mounting on timber, metal, UPVC and composite doors and is supplied with good *installation instructions* that include drilling templates for door furniture, mortice latch and strike plate. Installation itself is a straightforward affair for anyone with basic lock fitting skills. Lever action units are supplied handed so this needs to be specified when ordering.

Setting of the code should be completed before final fitting of the lock since the furniture has to be removed for this to take place. The code is determined by the orientation of the hooks within the external (insecure) lock furniture. Setting the code is straightforward although care needs to be taken when removing the back plate (matrix) so as not to take any hooks out with the matrix. The chosen code is selected by reversing the hooks as required such that their copper coloured end is not showing. There are 14 digits (0-9 + A-D) providing in excess of 16,000 combinations, although the manufacturer generally recommends use of 3-6 digits only.

The lock uses a double-throw deadlocking latch that locks every time the door is closed. From the insecure side, the code has to be entered to override the deadlock and retract the latch. Free egress is provided from the secure side.

Operation requires the digits to be reset using the 'Cancel' button above the 14 digits. It is simply a matter of then pressing the allocated code buttons firmly followed by the 'Release' button found below them. This will enable the door lever/knob to be operated once only.



'Overall, the product is well made, feels very solid to operate and should give prolonged reliable use.'

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Keylex 2100: Out of the Box

Packaging	Suitably packaged
Installation Manual	Installation and Operation instructions included
Size (H x W x D)	226mm x 76mm x 78.7mm (knob version)
Construction	Cast zinc, brass and stainless steel
Mounting	Mortice latch suitable for 30-45mm door thickness (standard model)
Overall Appearance	Solid Construction / Functional Appearance
Comments	Satin Chrome or Antique Brass finish 60mm or 76mm back-set Sashlock compatible with standard euro profile cylinders Options for bi-directional coded entry, thicker doorsets and key override Rebate kits (12.5mm and 25mm) available