

**SECURE FL1000**

The security shutter has a firmly connected lamella armour which folds into the end rail from bottom to top, with a bevel gearbox 3,5:1 and buckle operating handle or, if more than 4 m, with a motor. The top suspension profile, with adjustable height, fixes the armour in the guide rails. The end rail is connected to the drive rails with a chrome steel angle and is therefore a firm connection element. Both extruded aluminium lamellas (full profile) are connected with a hinge bar and are, due to the dented form, a strong unity. The bottom lamella has an end nose which, when closed, does not offer any surface for assaults. The drive guide is fitted with a push chain drive which stays locked in any position. The guide rail integrated in the drive rail is adjustable and holds the hinge bars with snap-on plastic gliders, thus guiding the aluminium lamella armour. The drive connection of both guide rails from left to right is done with a steel shaft and hollow shaft with spring link unit by the chain tail sheave on the upper part of the guide rail.

**Option:**

Gearbox execution with operating handle link and detachable buckle operating handle with operating handle funnel. The ES-guide rail has a hollow cavity profile in which the bevel gearbox 3,5:1 can be integrated. This execution is necessary if no gearbox niche exists.

**Electric drive:**

AC-motor 220/230 V – with electromagnetic brake and electronic end stop, thermo protection IP44 (splash water), with cable 0.8m 4-poles feeder connection cable.