



### Rullari products

- roller doors and roller shutter curtains
- retractable gates and furniture roller shutters
- industrial roller doors

### Kokema Oy

Kokema Oy has 40 years of experience of manufacturing high-quality aluminium roller doors roller shutter curtains as well as safety bars. The Rullari product family also includes steel retractable gates and aluminium furniture roller shutters. Rullari products are manufactured for both electric and manual operation. The products can be equipped with separate mechanical and automatic locks.

Kokema Oy also offers planning and installation services, including turnkey solutions. Rullari products are manufactured in accordance with the Construction Products Directive **EN 13241** and are therefore also CE marked. Rullari burglary protection is manufactured in accordance with break in protection standard **EN 1627** and is tested by **VTT Expert Services Oy** and approved and classified by the Federation of **Finnish Financial Services**. Continuous product development, quality control and flexible deliveries ensure the suitability of Rullari products for locations that require not only high quality from products, but also performance, including in special circumstances.

#### LIGHTWEIGHT PROTECTION

##### ME 30 U, ME 30 R, CD 200

Applications for example:

- serving lines
- roller cabinets
- and such things as lightweight protection for challenging items

#### BURGLARY PROTECTION

CD 600 R, CD 600 U, CD 600 S, CD 50, 1.460, 1.100D, retractable gates

Products that provide very good burglary protection for places that do not require burglary protection classification. For example

- display windows
- retail doors
- gateways
- space dividers

#### CLASSIFIED BURGLARY PROTECTION

CD 600 R + VS, CD 600 U, CD 600 S, CD 800 U + R, CD 800 U, fixed bars

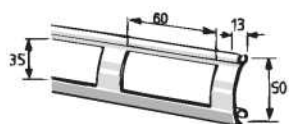
These products provide a high break-in protection level for very demanding applications. For example

- Alko stores
- pharmacies
- goldsmiths' shops
- shopping centres



- petrol stations
- kiosks
- parking garages
- restaurants
- sites requiring burglary shelters classified by the Confederation of Finnish Financial Services

## Rullari slat types

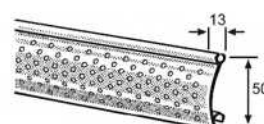


**CD 600 R**  
Weight 6 kg/m<sup>2</sup>



Reinforcement slat

**CD 600 R + VS**  
Weight 7,2 kg/m<sup>2</sup>  
burglary protection class 2



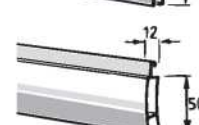
**CD 600 S**  
Weight 7kg/m<sup>2</sup>  
perforation diameter Ø 4mm  
burglary protection class 3



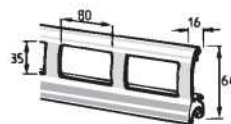
**CD 600 U**  
Weight 7,5kg/m<sup>2</sup>  
burglary protection class 3



**CD 200**  
Weight 4 kg/m<sup>2</sup>



**CD 50**  
Weight 8kg/m<sup>2</sup>



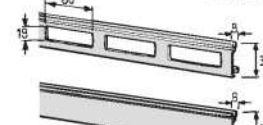
**CD 800 U + R**  
Weight 10,5kg/m<sup>2</sup>  
burglary protection class 3



**CD 800 U**  
Weight 13kg/m<sup>2</sup>  
burglary protection class 3



**ME 30 R**  
Weight 4,5 kg/m<sup>2</sup>



**ME 30 U**  
Weight 6 kg/m<sup>2</sup>



**1.1460 R**  
Weight c. 6 kg/m<sup>2</sup>

**1.1460 D**  
Weight c. 9 kg/m<sup>2</sup>

### Operating mechanisms

- electrically operated
- spring assisted
- crank operated

### Indicative operating limits

#### Roller weight

- electrically operated, no restrictions
- spring assisted 0...40 kg
- crank operated 0...20 kg

### Locking options

On an electrically operated Rullari

- automatic locking
- locking operation switch

On a manually operated Rullari

- Abloy furniture locking
- long latch locking

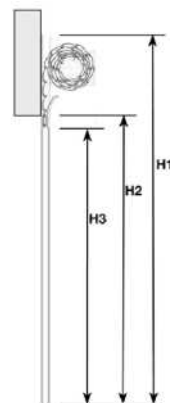
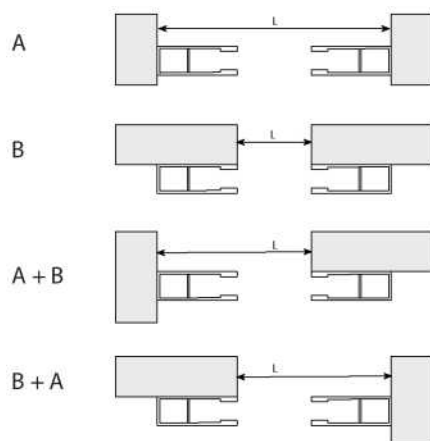
Burglary protection requires separate mechanical locking. Options include padlock lugs, security lock frames and motorised lock frames.

### Surface treatment

Rolling shutter doors are supplied anodised as standard in a natural colour. Doors can also be powdered in RAL Classic shades or colour-electrolised. A genuine wood-sheet coating is also available for the CD 600 U. CD 50 and CD 800 slats can be film-coated with different textures. The CD 200 slat is white or light grey as standard.

For steering rail options and the space required for the roller, see [www.kokema.fi](http://www.kokema.fi)

### Asennusvaihtoehdot



Guide rail options and space required for the roller, see [www.kokema.fi](http://www.kokema.fi)

### Accessories

- Impulse control (control panel + safety edge + photocells), can be connected to access control
- Remote control (hand transmitter + receiver, requires impulse control)
- Clock device (requires impulse control)
- Vehicle radar (requires impulse control)
- Emergency operation (manual opening of the engine in case of power failure)
- Emergency escape hatches!
- Angle gear motor (3-phase motor is installed directly at the end of the retracting tube)
- Wind anchors
- Special slat perforation
- Pural-coated housing cover
- Aluminium protective housing, powder-coated in RAL Classic shades

## Rullari retractable gates and doors

A retractable gate is suitable as burglary protection for display windows, gateways, loading bays, etc. spaces to which access should be restricted without blocking visibility. The Rullari retractable gate built from steel is manufactured either as a one-piece

### Construction

- heat painted or gloss-coated steel
- sliding steel rail C-30 x 30 mm
- sensitive, nylon-coated, ball-bearing links
- equipped with Abloy lock frame (LC306)

## Other products

- Stackdoor steel trellis doors (also curved)
- Steel mesh doors (RST) Lago, Sambesi and Tigris
- Polycarbonate curtains
- Folding Pack folding doors (also curved)

## MANUFACTURE, SALE AND ADVICE

Kokema Oy

PL 91 (Kakkulaistentie 5)

32801 KOKEMÄKI

Puhelin 010 326 3840

info@kokema.fi

www.kokema.fi



structure to be opened from one side or as a two-part structure opening from the centre. The retractable door has a height of 1500 mm on its own wheels. The gate does not require a sliding rail at the top.

safety lock) and wire handles  
– weight n. 17 kg/m<sup>2</sup>  
– the size of the bolt when contracted is around 16% of the width of the gate as a whole

- Fixed grating, 12 mm round steel bars

**For more detailed information on  
[www.kokema.fi](http://www.kokema.fi)**

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