

# Burglary resistance product – Burglar protection wall

**Issued to****Europrofil AB**

Box 147, SE-713 23 Nora, Sweden

manufacturing site

**Europrofil AB**, Industrivägen 9, SE-713 30 Nora, Sweden**Product description**

Burglar protection wall consists of steel safety mesh mounted in steel rail and steel studs. For wall class 3, the construction is reinforced with 12 mm plywood or is mounted with specific locking according to instructions. See page 2-4 of this certificate for more details.

**Product name**

EuroGrid Burglar protection. See page 2 of this certificate for more details

**Certificate**

The products described above fulfil the requirements as a Burglar protection wall in SSF 1047:2 and RISE certification rule, SPCR 177, Certification rules for Standards issued by Swedish Theft Prevention Association (SSF), issue 2022-05-10.

**Classification according to SSF 1047:2**

Wall class 2 from both sides with steel rail, steel studs and steel safety mesh.

Wall class 3 from both sides with steel rail, steel studs, steel safety mesh and 12 mm plywood on both sides.

Wall class 3 from both sides with steel rail, steel studs and steel safety mesh with specific locking.

**Marking**

Products that comply with SPCR 177 may also be marked with RISE P-mark according to the requirements in SPCR 177 section 4.3.

**Validity**

This certificate is valid until not longer than 2030-03-07. The validity of this certificate can be verified at RISE homepage. This edition of the certificate replaces previous editions.

**Miscellaneous**

The manufacturer's factory production control is under surveillance by RISE in accordance with section 5 and 6 of SPCR 177. Other terms and conditions are set out in section 7 of SPCR 177.



Martin Tillander

*This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish original shall take precedence.*

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## Product details

EuroGrid Burglar protection wall is built according to the specification below.

### Mounting of rail and stud

A reinforcement rail is mounted to the floor and ceiling, fastened with a maximum of cc300, the same applies to the stud. The attachment of the rail to the substrate is carried out with an approved fastener for the substrate, with a minimum pull-out load of 1.0 kN.

The Eurogrid protective wall must ALWAYS start with a CFH stud against the adjoining wall.

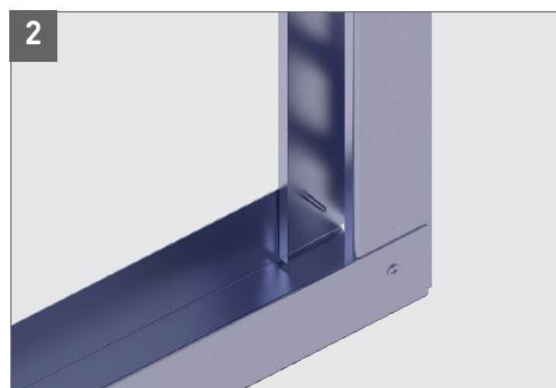
The first stud, the starter stud, is mounted with its side against the adjoining wall and fixed with an approved fastener for the substrate, with a minimum pull-out load of 1.0 kN.



### ATTACHMENT TO ADJOINING BUILDING PARTS

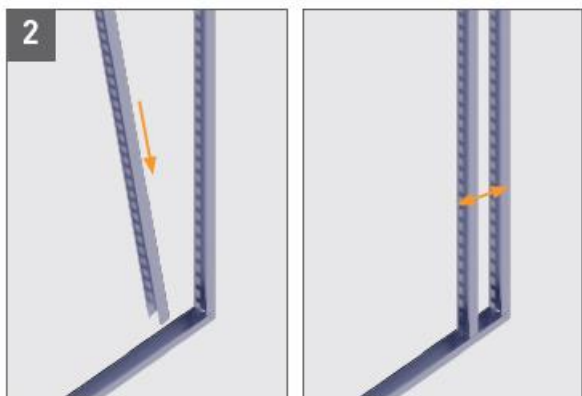
Rails to the floor and ceiling, as well as the starter stud, should be fastened to the substrate with a maximum spacing of 300 mm.

Fasteners should be chosen carefully and be suitable for the substrate.



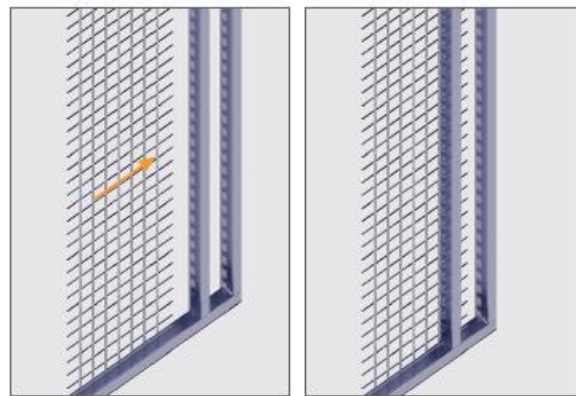
### JOINTING RULE/RAIL

Each rule is fixed to the top and bottom rail with screws or nails. Use one screw per side and rule end or two steel nails per side. Screws with flat heads, EG PS 4.8x16, are used for screwing. Nails, such as ESSVE Steel Nail ST 1.8 x 25 FZB-2050, should be at least 25 mm. The chosen fastening should be placed close to the edge of the rule.

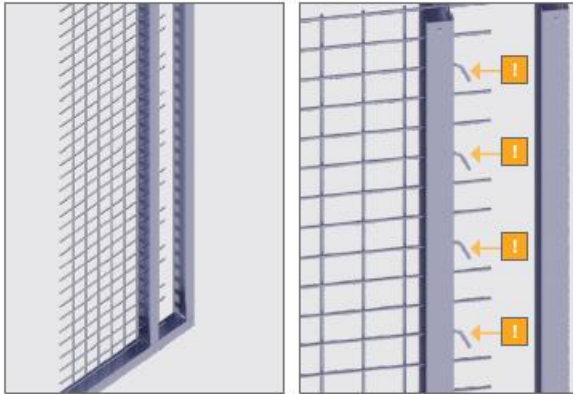


### INSTALLATION OF THE FIRST BURGLAR BAR

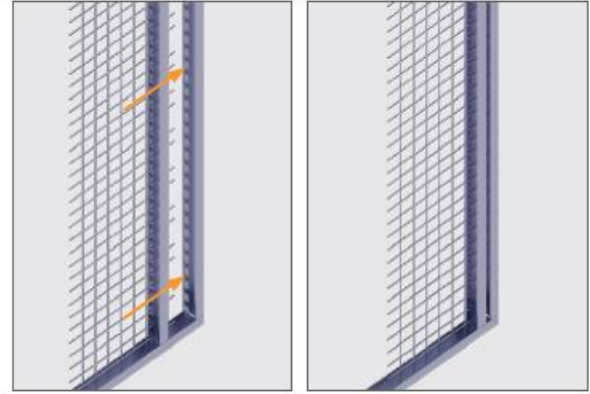
1. Place the second rule in the rail with the edge facing the first one. Leave enough space to be able to bend the bar between the rule and the starting rule.



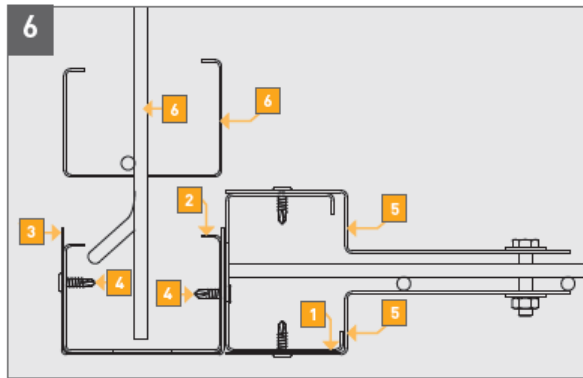
2. Fold the first bar between the ceiling and floor rail and slide it through the perforated edge of the rule until it stops.



3. Bend every third horizontal bar as much as possible upwards or downwards using manual force and the EGM installation tool.



4. Slide the bar and the rule towards the starting rule until the horizontal bars of the bar stop against the edge of the starting rule. Screw the rule to the top and bottom rail.



## OUTER CORNER

The first wall section always ends with a standard reinforcement rule CF (1). The second wall section begins with a burglar rule CFH (2) placed in a standing reinforcement rail UF (3). These are screwed together with EG PS 4.8x16 (4) with a maximum spacing of 300 mm before the finishing profiles (5) are mounted on the first wall section.

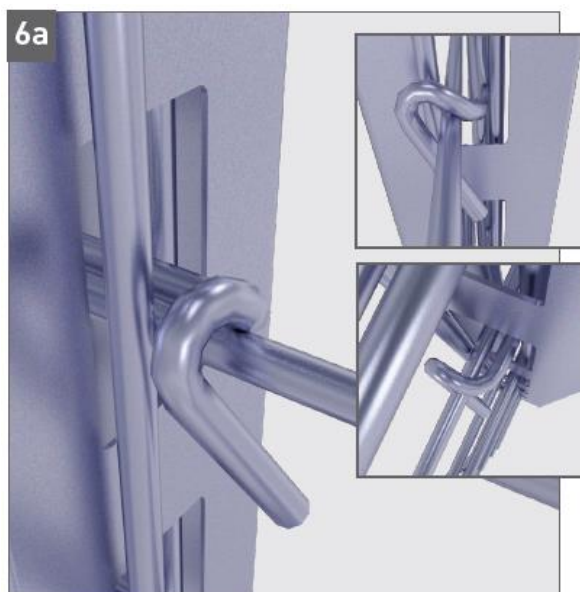


## LOCKING OF BARS, WALL CLASS 2

Every third horizontal bar should always be bent to lock it to the rules in which the bar is placed.

## Special Instructions, Wall Class 3

The highest class, wall class 3, requires extra resistance. Wall class 3 can be achieved without the addition of extra material provided that every 8th horizontal bar is bent as described below, in addition to the simple bending of every 3rd bar, to achieve full protection.



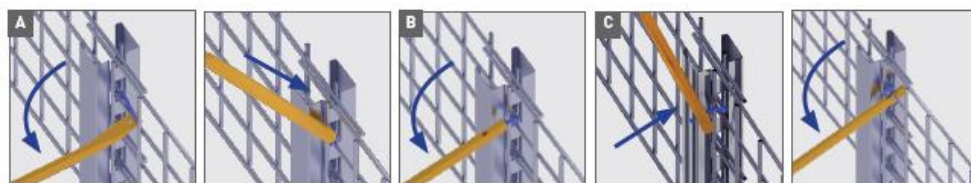
### LOCKING OF BARS, WALL CLASS 3

To achieve wall class 3, in addition to every 3rd bar, every 8th bar should be bent according to the instructions.

A. Use the flat end of the tool to lift/bring forward the rear bar.

B. Place the longitudinal hole of the tool over the rear bar and bend it forward and downward over the front bar as much as possible.

C. Place the transverse hole of the tool over the bent rear bar and bend it down/in as far as possible so that the rear bar locks around the front one.



## Conditions for installation

The installation must be carried out according to the manufacturer's instructions in the EuroGrid Burglary Protection - Installation Manual and the self-inspection document. The Europrofil self-inspection of the Eurogrid bars must be completed and signed.

## Conditions for each protection class

Wall class	Conditions for installation
2	Every 3rd horizontal end of the bar outside the burglar rule CFH is bent diagonally upwards or downwards and locked against the rule.
3	Every 3rd horizontal end of the bar outside the burglar rule CFH is bent diagonally upwards or downwards and locked against the rule, and reinforced with a 12 mm plywood board on both sides of the wall.
	Every 3rd horizontal end of the bar outside the burglar rule CFH is bent diagonally upwards or downwards and locked against the rule, and every 8th horizontal bar is bent around and locked to the next bar with a "pig tail."