

Burglar Resistant RC5 Ventilation Grille

Burglar Resistance	RC5	tested acc. to EN 1627
Free Ventilation Cross Section	50 %	(higher values on request)
Free Optical Cross Section	90 %	
Resistance Coefficient ξ	2,61	(at flow velocity 15 m/s)

Optional Audited Additional Functions

- Bullet Resistance	FB4-S	tested acc. to EN 1522
- Protection Class	IP23D/IP 43	acc. to EN 60529
- Stainless Steel		
- RAL Painted		

Range of Dimension

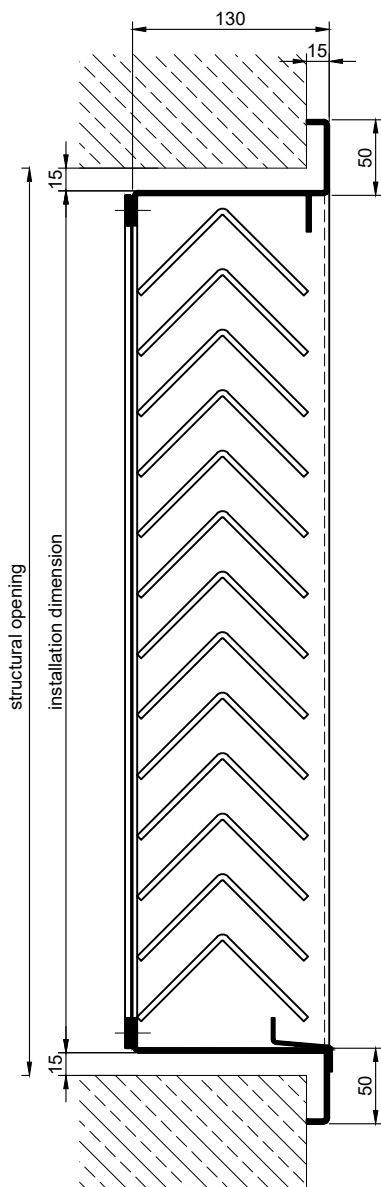
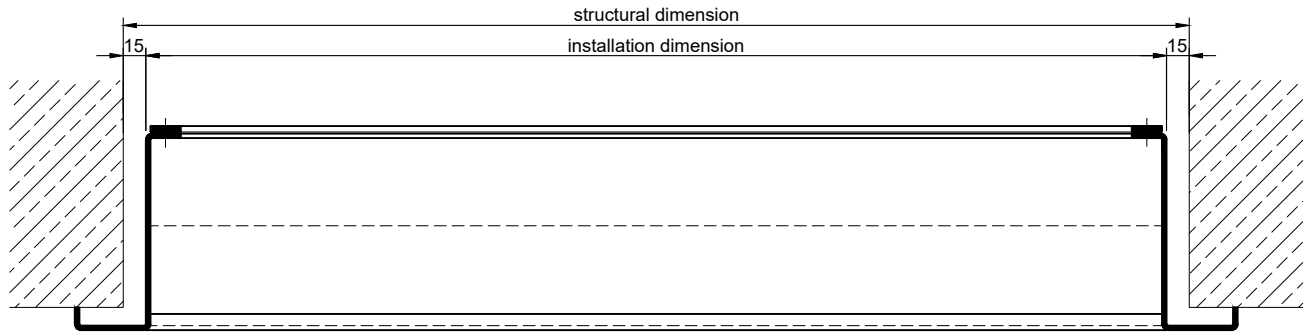
Field Width:	max. 1500 mm	without vertical strut
	max. 3000 mm	with vertical strut
Field Height:	up to field width 1500 mm:	unlimited
	above field width 1500 mm:	max. 2000 mm
Note:	Individual fields can be linked together using square tubes.	

Technical Specification and Tender Text

Product:	LÜG SEC / RC5 burglar resistant ventilation grille brand Buchele acc. to EN 1627
Grille Type:	LÜG SEC / RC5
Resistance Class:	RC5
Structural Opening: x mm
Filling:	Fixed, inclined, rain-repellent double slats made out of steel. Slats are used overlapping, thus providing visual and poke protection. Fully backed on the inside with galvanized bird protection mesh with a mesh width of 10x10 mm.
Frame:	Torsion-resistant angle frame 4-sided circumferential.
Surface:	Galvanized und primed with 2K-PUR primer (Very High Solid) similar RAL 7035.

Supplementary Equipment

Insect Screen:	mash width 1,4x1,4 mm resistance class: 3,01 (outlet) or 4,95 (inlet) at 15 m/s
Stainless Steel:	Material 1.4301 (V2A) or 1.4404 (V4A), Surface mill finished or brushed
Painted:	All parts painted in RAL-colour



free physical ventilation cross-section 50 % (higher values on request)

