

## Burglar Resistant RC4 Ventilation Grille

<b>Burglar Resistance</b>	<b>RC4</b>	<b>tested acc. to EN 1627</b>
<b>Free Ventilation Cross Section</b>	<b>50 %</b>	(higher values on request)
<b>Free Optical Cross Section</b>	<b>90 %</b>	
<b>Resistance Coefficient <math>\xi</math></b>	<b>2,61</b>	(at flow velocity 15 m/s)

## Optional Audited Additional Functions

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

## Range of Dimension

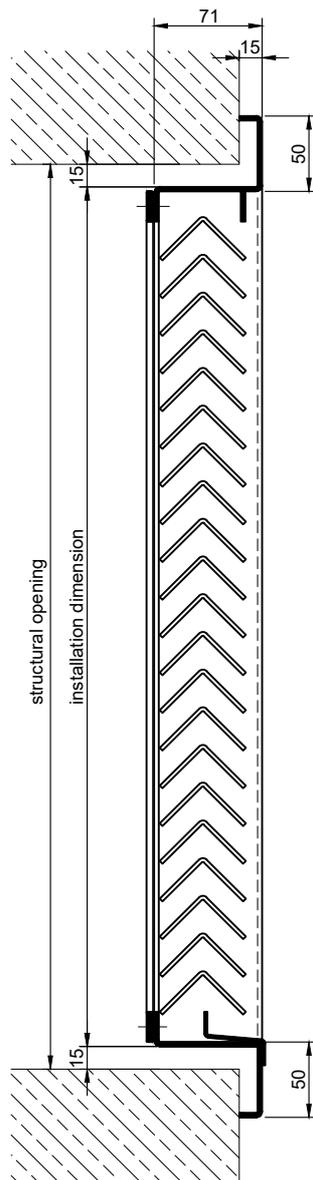
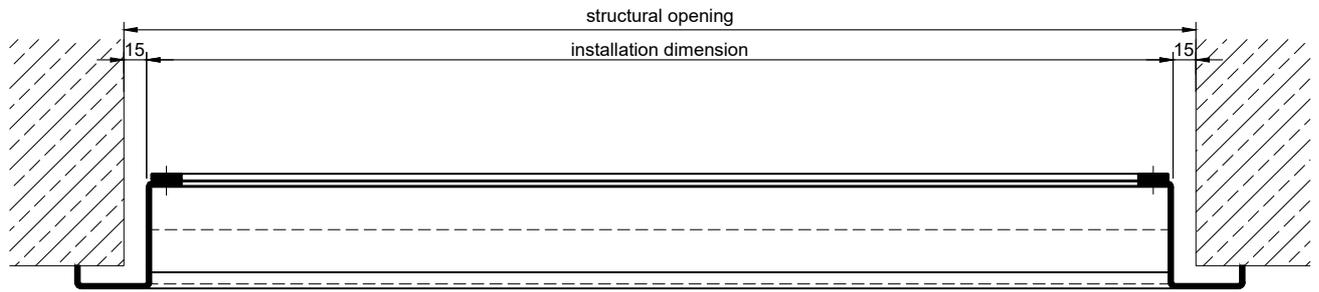
<b>Field Width:</b>	<b>max. 1500 mm</b>	<b>without vertical strut</b>
	<b>max. 3000 mm</b>	<b>with vertical strut</b>
<b>Field Height:</b>	<b>up to field width 1500 mm:</b>	<b>unlimited</b>
	<b>above field width 1500 mm:</b>	<b>max. 2000 mm</b>
<b>Note:</b>	<b>Individual fields can be linked together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

## Technical Specification and Tender Text

<b>Product:</b>	<b>LÜG SEC / RC4 burglar resistant ventilation grille brand Buchele acc. to EN 1627</b>
<b>Grille Type:</b>	<b>LÜG SEC / RC4</b>
<b>Resistance Class:</b>	<b>RC4</b>
<b>Structural Opening:</b>	<b>.... x .... mm</b>
<b>Filling:</b>	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.
<b>Frame:</b>	Torsion-resistant angle frame 4-sided circumferential.
<b>Surface:</b>	Galvanized und primed with 2K-PUR primer (Very High Solid) similar RAL 7035.

## Supplementary Equipment

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



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

