

## Surface-mounted wall louvre DucoGrille Solid++ M 30Z

Manufactured by: DUCO Ventilation & Sun Control

DucoGrille Solid++ M 30Z is a burglary-resistant surface mounted wall louvre with a reinforced frame profile. DucoGrille Solid++ M 30Z has passed all the tests prescribed in the 'Burglar resistance Construction products' prEN 1627 to prEN 1630 draft standards for class 2 intrusion resistance.

### Features:

- Louvre pitch: 37.5 mm
- Frame rebate: 12.75 mm
- Section thickness: minimum 1.5 mm
- Visual free area: 60 %
- Physical free area: 34%
- Perforated louvre blades P1 as insect screen

### Accessories (included):

- Fixing lugs

### Surface treatment:

- Anodisation: Qualanod-compliant, coating thickness 15-20µm, standard natural colour (colourless anodisation)
- Powder coating: Qualicoat Seaside type A compliant, minimum average coating thickness 60µm, standard RAL colours 70% gloss

Upon request: other finish coating thicknesses, anodising colours and paint gloss levels, textured paints and specific powder coating product codes

### Functional specifications:

- Flow rate standard version:
  - K-factor intake: 16.94
  - K-factor exhaust: 18.26
  - C<sub>e</sub> coefficient: 0.243
  - C<sub>d</sub>coefficient: 0.234
- Flow rate version "+ options":
  - K-factor intake: 21.43
  - K-factor exhaust: 17.08
  - C<sub>e</sub> coefficient: 0.216
  - C<sub>d</sub>coefficient: 0.242

- **Water resistance standard version:**
  - v = 0.0m/s: class B
  - v = 0.5m/s: class C
  - v = 1.0m/s: class C
  - v = 1,5m/s: class D
  - v = 2.0m/s: class D
  - v = 2.5m/s: class D
  - v = 3.0m/s: class D
  - v = 3.5m/s: class D
  
- **Water resistance version "+ options":**
  - v = 0.0m/s: class B
  - v = 0.5m/s: class B
  - v = 1.0m/s: class C
  - v = 1,5m/s: class C
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  - v = 2.5m/s: class D
  - v = 3.0m/s: class D
  - v = 3.5m/s: class D

**Complies with or tested in accordance with the following standards:**

- Qualicoat Seaside type A (if painted finish)
- Qualanod (if anodised finish)
- EN 573 - EN AW-6063 T66 and EN AW-6060 T66: aluminium alloy & hardening
- EN 13030: water resistance and determination of  $C_e$  and  $C_d$  coefficients
- EN 1627, NEN 5096: burglar resistance