# 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
	+ Ce coefficient: 0.243
	+ Cdcoefficient: 0.234

### Flow rate version "+ options":

* + K-factor intake: 21.43
	+ K-factor exhaust: 17.08
	+ Ce coefficient: 0.216
	+ Cdcoefficient: 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
	+ v = 2.0m/s: class D
	+ 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 Ce and Cd coefficients
* EN 1627, NEN 5096: burglar resistance