# Architectural window louvre DucoGrille Solid ISO F 30Z

Manufactured by: DUCO Ventilation & Sun Control

DucoGrille Solid ISO F30Z is an architectural recessed mounted window louvre with good thermal insulation, thanks to the judicious combination of a thermally broken frame with an insulation panel. The grille consists of punched Solid louvre blades that are very sturdy and insect-resistant (two types of perforation). The window louvre can, among other things, be connected to both round and rectangular air ducts. The optionally reinforced frame profile guarantees burglar resistance class 2.

## Features:

* Louvre pitch: 37.50 mm
* Frame depth: 88 mm (thermally broken)
* Section thickness: minimum 1.2 mm
* Flange width: 24, 28, 32, 36, 40, 44, 48 mm
* U-value: 0.9 W/m²K

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| --- | --- | --- | --- |
|  | DucoGrille Solid  ISO F30Z P1 | DucoGrille Solid  ISO F30Z P2 | DucoGrille Solid  ISO F30Z NP |
| Visual free area | 60 | 86 | / |
| Physical free area | 34 | 48 | / |
| K-factor intake | 16,94 | 15,02 | / |
| K-factor exhaust | 18,26 | 15,62 | / |
| Ce | 0,243 | 0,258 | / |
| Cd | 0,234 | 0,253 | / |

## Accessories (included)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Perforated louvre blades | | Stainless steel insect screen | |
|  | Insect screen | Bird protection | not available | |
| DucoGrille Solid  ISO F30Z P1 | punching 2.5x21mm |  |
| DucoGrille Solid  ISO F30Z P2 |  | punching 18x21mm |
| DucoGrille Solid  ISO F30Z NP | Closed louvre | Closed louvre |
|  |  |  |  |  | |  |

## 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

## 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