

TECHNICAL DATA SHEET



| Type | DucoGrille Solid ISO F 30Z-P1 | | | | | | | | | | | | | | | | | | | |
|--------------------|---|--|-----------|----------|-----------|-------|-----------------|-------|-----------|-------|------------------|-------|-----------|---|-------------|---|-----------|---|-------------|---|
| DESCRIPTION | Thermal insulated glazed inn-louvre, built-in situation into aluminium, wood or PVC | | | | | | | | | | | | | | | | | | | |
| SHAPE OF BLADE | 30Z punched blades (P1) height 21mm x width 2,5mm | | | | | | | | | | | | | | | | | | | |
| PITCH | 37,5 mm | | | | | | | | | | | | | | | | | | | |
| FRAME WIDTH | 63 mm | | | | | | | | | | | | | | | | | | | |
| GLASS THICKNESS | 24/28/32/36/40/44/48 mm | | | | | | | | | | | | | | | | | | | |
| FRAME DEPTH | 88 mm (thermally broken) | | | | | | | | | | | | | | | | | | | |
| MIN. DIMENSIONS | Width 300mm, Height 300mm. Exception on request. | | | | | | | | | | | | | | | | | | | |
| MAX. DIMENSIONS | Width 2500 mm if Height < 1250mm. Height 2500 mm if Width < 1250mm. | | | | | | | | | | | | | | | | | | | |
| MESH | Aluminium extrusions are perforated and act as insect mesh | | | | | | | | | | | | | | | | | | | |
| DRIP TRAY PROFILE | not applicable | | | | | | | | | | | | | | | | | | | |
| PLENUM CONNECTION | Round plenum: maximum smallest dimension for length or width - (2*63) Rectangular plenum: height plenum: height louvre - (2*63) width plenum: width louvre - (2*63) | | | | | | | | | | | | | | | | | | | |
| U-VALUE | 0,9 W/m ² K | | | | | | | | | | | | | | | | | | | |
| OPTION | Burglar resistance Class 2 (NEN 5096:2007 and ENV 1627:2011) | | | | | | | | | | | | | | | | | | | |
| MATERIAL | Aluminium : EN AW-6063 T66 (EN 573-3) Profile thickness : min. 1,5mm Insulation: Akotherm | | | | | | | | | | | | | | | | | | | |
| SURFACE TREATMENT | - standard aluminium anodised (15-20µm) according Qualanod - polyester powder coated (60-80µm) according Qualicoat Seaside type A - specific RAL codes and/or textured paint on request | | | | | | | | | | | | | | | | | | | |
| VISUAL FREE AREA | 60% per meter of punching | | | | | | | | | | | | | | | | | | | |
| PHYSICAL FREE AREA | 34% | | | | | | | | | | | | | | | | | | | |
| AIR FLOW DATA | <table border="1"> <thead> <tr> <th>(EN13030)</th> <th>standard</th> </tr> </thead> <tbody> <tr> <td>Ce</td> <td>0,243</td> </tr> <tr> <td>K-factor intake</td> <td>16,94</td> </tr> <tr> <td>Cd</td> <td>0,234</td> </tr> <tr> <td>K-factor exhaust</td> <td>18,26</td> </tr> </tbody> </table> | | (EN13030) | standard | Ce | 0,243 | K-factor intake | 16,94 | Cd | 0,234 | K-factor exhaust | 18,26 | | | | | | | | |
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| Ce | 0,243 | | | | | | | | | | | | | | | | | | | |
| K-factor intake | 16,94 | | | | | | | | | | | | | | | | | | | |
| Cd | 0,234 | | | | | | | | | | | | | | | | | | | |
| K-factor exhaust | 18,26 | | | | | | | | | | | | | | | | | | | |
| WATER RESISTANCE | <table border="1"> <thead> <tr> <th>(EN13030)</th> <th>standard</th> </tr> </thead> <tbody> <tr> <td>v = 0 m/s</td> <td>B</td> </tr> <tr> <td>v = 0,5 m/s</td> <td>C</td> </tr> <tr> <td>v = 1 m/s</td> <td>C</td> </tr> <tr> <td>v = 1.5 m/s</td> <td>D</td> </tr> <tr> <td>v = 2 m/s</td> <td>D</td> </tr> <tr> <td>v = 2.5 m/s</td> <td>D</td> </tr> <tr> <td>v = 3 m/s</td> <td>D</td> </tr> <tr> <td>v = 3,5 m/s</td> <td>D</td> </tr> </tbody> </table> | | (EN13030) | standard | v = 0 m/s | B | v = 0,5 m/s | C | v = 1 m/s | C | v = 1.5 m/s | D | v = 2 m/s | D | v = 2.5 m/s | D | v = 3 m/s | D | v = 3,5 m/s | D |
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| v = 0 m/s | B | | | | | | | | | | | | | | | | | | | |
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| v = 3,5 m/s | D | | | | | | | | | | | | | | | | | | | |

3

2

1

D

D

C

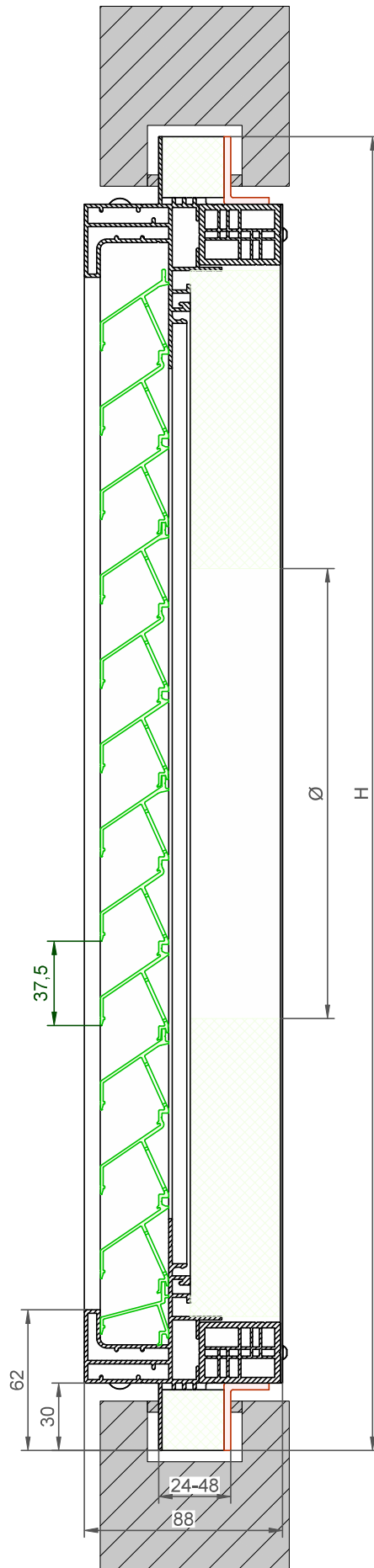
C

B

B

A

A

DucoGrille Solid **F30Z - ISO - P1**

Datum : 23/03/2023

Schaal : 1:2

DUCO
Ventilation & Sun Control

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Deze tekening is eigendom van Duco Projects en mag niet gekopieerd
noch getoond worden aan derden zonder schriftelijke toestemming

Tol. : ISO 2768-mK

Getekend : SDN/JHX

Mat. :

Ref nr. :

Formaat : A3



omtrek

gewicht

lakoppervl.

Tekening nr. :

mm

kg/m

dm²/m**DGS-F30Z-ISO-P1**

3

2

1