

Recessed mounting louvre DucoGrille Acoustic G 75Z

Manufactured by: DUCO Ventilation & Sun Control

The DucoGrille Acoustic G 75Z is a sound-absorbing built-in wall louvre, manufactured from extruded aluminium sections. The louvre blades have sound-absorbing, non-flammable mineral wool inside. The aluminium blades are clicked onto plastic blade holders. The unique "Z"-shaped louvre blade produces a stylish design.

Features:

- Blade height: 74 mm
- Louvre pitch: 60 mm
- Frame rebate: 48 mm
- Installation depth: 82 mm
- Section thickness: minimum 1.5 mm
- Visual free area: 76 %
- Physical free area: 28 %

Accessories (included):

- Insect-resistant stainless steel mesh 2.3 x 2.3 mm (standard) or vermin-resistant mesh (on request)
- 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 inlet: 16.94
 - K-factor outlet: 21.84
 - C_e coefficient: 0.243
 - C_dcoefficient: 0.214
- **Flow rate version "+ options":**
 - K-factor inlet: 26.03
 - K-factor outlet: 30.19
 - C_e coefficient: 0.196
 - C_dcoefficient: 0.182

- **Water repellency standard version:**
 - v = 0.0m/s: class B
 - v = 0.5m/s: class B
 - 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 repellency 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

- **Attenuation value**
 - Rw (C;Ctr) (in dB): 6 (0;-1)

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 ISO 10140: acoustic measurements (for acoustic products)