# 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
  + Ce coefficient: 0.243
  + Cdcoefficient: 0.214

### Flow rate version "+ options":

* + K-factor inlet: 26.03
  + K-factor outlet: 30.19
  + Ce coefficient: 0.196
  + Cdcoefficient: 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 Ce and Cd coefficients
* EN ISO 10140: acoustic measurements (for acoustic products)