# Recessed wall-mounted grille Duco Acoustic Panel 300

Manufactured by: DUCO Ventilation & Sun Control

DucoGrille Acoustic Panel 300 is a sound-absorbing recessed mounted wall louvre, manufactured from extruded aluminium sections. The louvre blades are set in an aluminium frame and have sound-absorbing, non-flammable mineral wool inside.

## Features:

* Louvre shape: Acoustic 150
* Louvre pitch: 130 mm
* Frame rebate: 37 mm
* Installation depth: 300 mm
* Section thickness: minimum 1.5 mm
* Visual free area: 71 %
* Physical free area: 31 %
* Water gutter: no water gutter, standard bottom sill sloping outwards inclination 5°
* Fastening: to side, via holes provided in the side plates of the module (diameter 5.5mm, countersunk) . Fixing materials depending on customer structure (not supplied by DUCO).

## Accessories:

* Optional with insect mesh 2.3 x 2.3 mm
* Optional with vermin-resistant mesh 6 x 6 mm
* Optional with vermin-resistant mesh 20 x 20 mm

## Surface treatment:

* Powder coating: Qualicoat Seaside type A compliant, minimum average coating thickness 60µm, standard RAL colours 70% gloss

Upon request: other finish coating thicknesses and paint gloss levels, textured paints and specific powder coating product codes

## Functional specifications:

### Flow rate standard version:

* + K-factor inlet: 26.75
  + K-factor outlet: 27.41
  + Ce coefficient: 0.194
  + Cdcoefficient: 0.191

### Flow rate version "+ options":

* + K-factor inlet: 31.92
  + K-factor outlet: 27.41
  + Ce coefficient: 0.177
  + Cdcoefficient: 0.191

### Water resistance standard version:

* + v = 0.0m/s: class C
  + v = 0.5m/s: class D
  + v = 1.0m/s: class D
  + 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 C
  + v = 1.0m/s: class D
  + 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

### Attenuation value

* + Rw (C;Ctr) (in dB): 17 (-1;-4)

## Complies with or tested in accordance with the following standards:

* Qualicoat Seaside type A
* 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)