

Technical Data

Hunter Douglas® Aerofoils Fixed System Specification Sheet

Product: Hunter Douglas® Aerofoils 200AF-450AF

Systems: Fixed system

Type: Aluminium extruded fin-shaped Aerofoils: 200AF; 250AF; 300AF; 350AF; 400AF and 450AF.

Width x height: 200 x 45; 250 x 51; 300 x 56; 350 x 60; 400 x 63; 450 x 66 mm.

Size: Standard stock length is 7,250 mm. Other lengths available on request.

Wall thickness: Aluminium extrusion minimum 2 mm.

Alloy extrusions: Al-Mg-Si 0.5 F22 (EN 755-2-6063-T66)

Distance between fins: to be calculated or defined by specifier.

By default distance = fin width

Fin angle fixed: in steps of 5 degrees, to be calculated or defined by architect or client

End caps: Aluminium, following Aerofoil shape

Fixations: With Hunter Douglas® Aerofin proprietary click-in sliding U-profiles and plastic fixation disks and fin-suspension connector (GF PA6).

Stainless steel suspension bolt

Fastening materials: All materials to be stainless steel in either A2 (304) or A4 (316) quality (A2 by default, A4 on request)

Surface treatment:

- Without (mill finish)
- Natural anodised in 20 micron thickness: VB6/A20/VOM1, in accordance with ISO 10546-93. Thickness 25 micron on special request.
- One layer polyester powder-coated; 60 micron, gloss level (std = 70%)
- Two layer polyester powder-coated; 90 micron, gloss level (std = 70%)

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- Two or three layer PVDF powder-coated; 30 or 40 micron, gloss level (std = 70%)

Colour: According to RAL standard colour card or any other standard, provided that a colour sample is available.

Supporting structure: Steel or aluminium structure (not included in HD contract unless specifically requested). Structure to be sufficiently strong and suitable to support occurring loads. Contact between mild steel and aluminium to be avoided.

Hunter Douglas® Aerofoils Adjustable System Specification Sheet

Product: Hunter Douglas® Aerofoils 200AF-450AF

Systems: Adjustable system

Type: Aluminium extruded fin-shaped Aerofoils: 200AF; 250AF; 300AF; 350AF; 400AF and 450AF

Width x height 200 x 45; 250 x 51; 300x56; 350 x 60; 400 x 63; 450 x 66 mm

Size: Standard stock length is 7,250 mm. Other lengths available on request.

Wall thickness: Aluminium extrusion minimum 2 mm

Alloy extrusions: Al-Mg-Si 0.5 F22 (EN 755-2-6063-T66)

Distance between fins: to be calculated or defined by specifier

Typical distance is fin width minus 5-10mm for overlap in closed position.

Fin angle: Adjustable over 120 degrees (-30° to 90°)

End caps: Aluminium, following Aerofoil shape

Fixations: With plastic bearing blocks, stainless steel (304) axle and suspension bolt. Stainless steel endcap-connectors and driving rod.

Fastening materials: All fastening materials to be stainless steel in either A2 (304) or A4 (316) quality (A2 by default, A4 on request)

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Surface treatment:

- Without (mill finish)
- Natural anodised in 20 micron thickness: VB6/A20/VOM1, in accordance with ISO 10546-93. Thickness 25 micron on special request.
- One layer polyester powder-coated; 60 micron, gloss level (std = 70%)
- Two layer polyester powder-coated; 90 micron, gloss level (std = 70%)
- Two or three layer PVDF powder-coated; 30 or 40 micron, gloss level (std = 70%)

Colour: According to RAL standard colour card or any other standard, provided that a colour sample is available

Supporting structure: Steel or aluminium structure (not included in HD contract unless specifically requested). Structure to be sufficiently strong and suitable to support occurring loads. Contact between mild steel and aluminium to be avoided

Operating system:

- Manual (only recommended for occasional adjustment)
- Electric linear actuator 230V/50Hz
- Individual operation bays/floors/façades
- Automated control system (option)

Electric wiring: Electric wiring is not a part of HD scope of works (to be supplied and connected by specialist contractor)

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