

## Technical Data

### **Hunter Douglas® Aeroscreen Fixed System Specification Sheet**

Product: Hunter Douglas® Aeroscreen 300AS

Systems: Fixed fin system

Type: Aluminium 0.95mm perforated single skin fixed on aluminium extruded centre tube with aluminium extruded brackets

Width x height: 300x56 mm

Size: All Aeroscreens are made to measure, max. length 3200mm.

Minimum wall thickness: Aluminium skin 0.95 mm

Aluminium extrusion minimum 2 mm

Alloy: Al-Mg-Si 0.5 F22 (ENAW 6063-T66) for extrusions

Al Mn1Mg0,5 (ENAW 3005) for skin

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: Not applicable

Perforation: 2mm round holes at 5mm pitch, 11% open surface

Alternative perforations on request

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.

Please note: extrusions only; skin cannot be anodized

- One layer polyester powder-coated; 60 micron, gloss level (std = 70%)

For further information on this company, go to:  
[www.barbourproductsearch.info](http://www.barbourproductsearch.info)

## Technical Data

- 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

### **Hunter Douglas® Aeroscreen Adjustable System Specification Sheet**

Product: Hunter Douglas® Aeroscreen 300AS

Systems: Adjustable fin system

Type: Aluminium 0.95mm perforated single skin fixed on aluminium extruded centre tube with aluminium extruded brackets

Width x height: 300x56 mm

Size: All Aeroscreens are made to measure, max. length 3200mm.

Minimum wall thickness: Aluminium skin 0.95 mm

Aluminium extrusion minimum 2 mm

Alloys: Al-Mg-Si 0.5 F22 (ENAW 6063-T66) for extrusions

Al Mn1Mg0,5 (ENAW 3005) for skin

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 centre tube shape

Perforation: 2 mm round holes at 5mm pitch, 11% open surface

Alternative perforations on request

For further information on this company, go to:  
[www.barbourproductsearch.info](http://www.barbourproductsearch.info)

## **Technical Data**

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)

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.

Please note: extrusions only; skin cannot be anodized

- 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)

For further information on this company, go to:  
[www.barbourproductsearch.info](http://www.barbourproductsearch.info)