

TYPE	DUCOSUN Wing														
DESCRIPTION	<p>DucoSun Wing is a permanent,external solar shading system with movable aluminium blades 500mm or 600mm width The blades are perforated with lateral bended ends which provides rigidity The blades are fixed to a structure composed of a central trapezoid shaped extruded aluminium mullion and some brackets fixed to the central mullion. Pitch,section and disposition of the holes are supplied upon request The spring-taps allow for clearance a small distance between the blade and the suport construction. DucoSun Wing is a fully rustproof system</p>														
BLADE TYPE	Perforated arched blade with lateral bended ends														
SHAPE OF THE BLADE	arched blade with trapezium shaped supported mullion														
MATERIAL	EN AW-6063 T66														
BLADE ANGLE	Variable														
DIMENSION	Blade thicknes 1mm,supported mullion 2 mm up to 2,25mm Bladesupports 4 up to 8mm														
BLADE HEIGHT	completed blade 115mm														
BLADE WIDTH	500mm or 600mm														
PITCH	505mm,605mm														
MAX. BLADE LENGTH	3000mm														
BLADE THICKNESS	1mm														
COVERPLATES	Aluminium lasercut endplates Al Mg 3 G22 - 5mm														
Assembly instruction	The spring-tap is fitted in to the central part of the mullion and kept in its position by the coverplate.The aluminium rod is fitted to the coverplate by means of a stainless steel bolt and nut M6														
MAX. SPAN	<table border="1"> <thead> <tr> <th>BLADE</th> <th>At windload 600Pa (±116km/h)</th> <th>At windload 800Pa (±130km/h)</th> <th>At windload 1250Pa (±166km/h)</th> </tr> </thead> <tbody> <tr> <td>Wing 500</td> <td>4750</td> <td>4400</td> <td>3950</td> </tr> <tr> <td>Wing 600</td> <td>4550</td> <td>4250</td> <td>3800</td> </tr> </tbody> </table>			BLADE	At windload 600Pa (±116km/h)	At windload 800Pa (±130km/h)	At windload 1250Pa (±166km/h)	Wing 500	4750	4400	3950	Wing 600	4550	4250	3800
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	<p>IMPORTANT:</p> <p>The above values are CONDITIONAL to:</p> <p>➢ Aerofoils are mounted with Duco springtaps, assembly as per Duco's instructions</p> <p>➢ The max. deflection of the Aerofoil is 15mm, as per European Directive ENV 1999-1. This means that the max. distances in above table may not be exceeded under no circumstances. Blade supports are placed at CC 750mm,for windloads up to 1250 Pa.</p> <p>ATTENTION!! Values as per above table may vary when one of the above conditions is not met. In that case the strength calculation will need to be performed again. Please consult DUCO 'Ventilation & Sun Control'</p>														
TYPE OF MULLION	mullion 60x100														
ACTUATOR	Type Elero / Picolo XL Power Supply: 230V~50Hz 0,55A (126VA) Safety Class: IP65s Max. Force = 1200N														
COLOURS	Standard natural anodised (15-20 µm)(VB6/A20/VOM1) Enamelled polyester powder coating (60-80 µm)														

