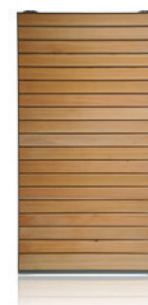


So sollen Fensterläden sein. Perfektion und Beständigkeit aus Aluminium.
 Voici des volets aluminium. La perfection et pérennité.
 Exactly the way window shutters should be. Perfection and stability made from aluminium.

A.S.T



MODEL H

THE SLIDING ALUMINIUM SHUTTER WITH WOOD LAMELLAE

TECHNICAL DESCRIPTION

FABRICATION	The frame profiles are mitred and joined at right angles using special press-fit internal connectors. Manual reworking of mitre edges and subsequent coating of entire frame. Then assembly of real wood lamellae.
SURFACE FINISH	Powder-coating at 200° C to customer requirements and in accordance with Qualicoat guidelines (lic. no. 3300). Standard colours as per RAL, NCS, NCS-S, VSR. Standard surface finishes: satin, matt and finely structured matt. Colours and finishes can also be supplied to customers' specific requirements.
PROFILES AND CORNER JOINTS	<p>Frame profile : Extruded aluminium profile 40 x 32 mm (L-profile)</p> <p>Corner joints: Special corner connectors of extruded aluminium profile</p>
WOOD LAMELLAE	<p>Wood lamellae larch, 60 x 15 mm, untreated, class G2-1 until G2-3 under this norm EN 1611-1 (class G2-0 on extra charge)</p> <p>Standard distance between lamellae: 7 mm</p>
OPTIONS	<input type="checkbox"/> Miscellaneous arched designs and chamfered edges <input type="checkbox"/> Notches <input type="checkbox"/> Swing-out shutter panel <input type="checkbox"/> Two-tone <input type="checkbox"/> Lock installation <input type="checkbox"/> Rebate strip
SHUTTER SIZES	<p>Shutter width: from min. 325 mm to max. 1800 mm</p> <p>Shutter height: from min. 390 mm to max. 3000 mm</p>
WEIGHT	12.0 kg/m ² approx.



MODEL H

THE SLIDING ALUMINIUM SHUTTER WITH WOOD LAMELLAE

WEITERE INFORMATIONEN:

<p>VARIANTS AND INSTALLATION POSSIBILITIES</p>	<p>Rabbit strips:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Rabbit T-strip <input type="checkbox"/> Rabbit strip with rubber seal <input type="checkbox"/> Rabbit strip with brush seal <p>Transoms & mullions:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Transoms <input type="checkbox"/> Screwed lamellae available <input checked="" type="checkbox"/> Mullions <input type="checkbox"/> Transom and mullion <p>Configuration:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Hinged Shutter (masonry and window frame installation) <input checked="" type="checkbox"/> Sliding shutter <input checked="" type="checkbox"/> Sliding bi-fold shutter <input checked="" type="checkbox"/> Dummy shutters <p>Drives:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Crank for hinged shutters <input type="checkbox"/> Electric drive for hinged shutters <input checked="" type="checkbox"/> Electric drive for sliding shutters
<p>ASSEMBLY SYSTEMS AND PRE-ASSEMBLY</p>	<p>Assembly systems:</p> <ul style="list-style-type: none"> <input type="checkbox"/> SystemFix <input type="checkbox"/> JustierFix <input type="checkbox"/> Assembly frame (complete pre-assembly in the factory) <p>Optional pre-assembly in the factory:</p> <ul style="list-style-type: none"> <input type="checkbox"/> JustierFix <input checked="" type="checkbox"/> Sliding shutter preparation <input checked="" type="checkbox"/> Sliding bi-fold shutter preparation

GENERAL INFORMATION:

<p>FUNCTION AND SUITABILITY</p>	<p>Functional shading element for providing protection from heat and light irradiation, and as a stylistic element in facade design. Non-fading, colour-fast and water-repellent surface finish.</p>
<p>DELIVERY TIME</p>	<p>5 weeks after finalization of order or by arrangement.</p>
<p>DISPATCH</p>	<p>Delivery with our own vehicles, by haulier or collection by the customer also possible.</p>
<p>SALES AND DELIVERY TERMS</p>	<p>See General Terms & Conditions of sale in the current price list or at www.ast.eu respectively.</p>



MODEL H

THE SLIDING ALUMINIUM SHUTTER WITH WOOD LAMELLAE

QUALITY SPECIFICATIONS

Grading of wood quality is made according to the standard EN 1611-1:2002. This is concerned with the grading of softwoods (including amongst others larch) according to appearance.

The quality of wood is divided by AST into the categories "Standard Quality" and "Top Quality".

STANDARD QUALITY GRADE (G2-1 TO G2-3) TO EN 1611-1:

- Sound intergrown knots with 41mm max. diameter
- Dead or partially intergrown knots with 26mm max. diameter
- Black-rimmed knots of up to 21mm
- Per worst running metre max. 6 knots allowed
- Rotted, loose, black or splay knots are not allowed
- Gum pockets of up to 200 mm length and 4 per worst running metre
- Warp of the wide side (60mm visible surface) max. 25mm per metre
- Warp of the narrow side max.5mm per metre

TOP QUALITY GRADE (G2-0) TO EN 1611-1:

- Sound intergrown knots with 16mm max. diameter
- Dead or partially intergrown knots with 6mm max. diameter
- Black-rimmed knots of any size are not allowed
- Per worst running metre max. 2 knots allowed
- Rotted, loose, black or splay knots are not allowed
- Gum pockets of up to 75mm length and 2 per worst running metre
- Warp of the wide side (60mm visible surface) max. 5mm per metre
- Warp of the narrow side max. 2mm per metre

QUALITY COMPARISON:

Illustration Standard Quality



Illustration Top Quality



MODEL H

THE SLIDING ALUMINIUM SHUTTER WITH WOOD LAMELLAE

DEFINITION OF KNOTS:

Black-rimmed knot:



Dead or partially intergrown knot (usually intergrown on one side only):



Sound, intergrown knot:



Gum pocket:

