

SLIDING EXTERIOR SHUTTERS -
CONVINCING IN VARIABILITY AND DIVERSITY



INDIVIDUAL SOLUTION EXPERTISE - FLEXIBLE AND FAST



GSS Ltd starts where standard solutions stop. GSSL Ltd also place significant emphasis on sustainability, in the context of function, manufacture and design. We see ourselves as a respectable partner of building contractors, architects and craftsmen who enforce particularly high demands with regard to individuality and perfection.

Constant further developments and innovations are an integral part of our company philosophy. Together, we can work out the right solutions for your ideas and guarantee that these are implemented to your entire satisfaction. This is how individual construction projects come about in the private and industrial fields which point the way forward in design, without detracting from function, safety or comfort.

GSS Ltd specialise in the development of moving façade elements. In addition to classic light metal engineering, the delivery programme includes a portfolio of sliding windows and sliding shutters, driving technology, roof window blinds and aluminium door frames.



SLIDING SHUTTERS - QUALITY BEGINS IN DETAIL



GSS Ltd sliding shutters are absolutely state-of-the-art. They set trends and move with the times, yet they are timeless. The individual design possibilities will fill you with inspiration. Our professional planning, manufacture and assembly will give you the support and security required.

- Innovative protection against the sun
- Can also be operated in windy conditions
- Protection against the elements
- Easy operation
- Tailor-made production
- Material and colour mix
- Modern design element

Driven technology developed specially by us and subjected to long-term tests provide optimum convenience and acceptability.

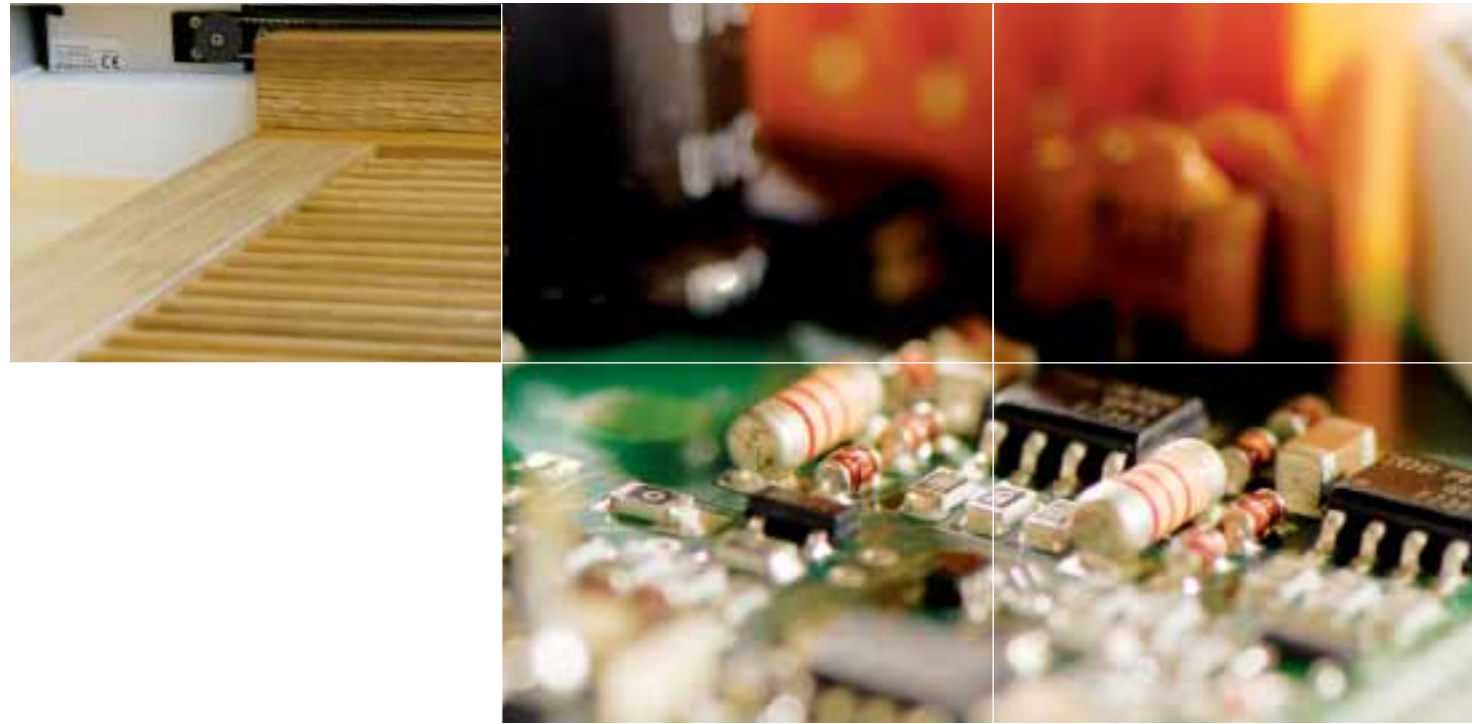
In addition to the design, sliding shutters offer perfect shade technology which confidently defies adverse weather conditions and windy sunny days. If desired, you can automatically follow the course of the sun – two important arguments when they are used for projects such as, clinics, industrial buildings, public buildings and sports centres. Furthermore, you increase protection against undesired intruders. Sliding shutter fittings know no limits when it is a question of implementing individual ideas, whether single-leaf or double-leaf or in telescopic form. There are a wide range of materials available, wood and aluminium slats, aluminium sheets, materials and expanded metals, composite fibre plates and printed glass are only a small selection.

FLEXIBILITY DUE TO IN-HOUSE PRODUCTION



GSS Ltd guarantees effective implementation of your requirements using in-house construction, production and quality assurance. A well thought-out operational sequence in addition to warehouse stocks ensure delivery to deadline. This requires a production system which can react both to individual major buildings with high piece numbers and to personal requirements. GSS Ltd has the necessary experience for the production of long-lasting quality products.

PERFECTION - QUALITY WHICH MOVES YOU



GSS Ltd brings clients, architects and tradesmen together. This is because GSS Ltd listens and recognises their requirements. This results in solutions which represent the largest possible symbiosis of comfort, design and installation. Sliding shutters are much more than just modern design elements in discerning residential or commercial buildings.

Specialists develop complete solutions for all the important elements: inexpensive standard fittings for 60 kg to 100 kg leaf weight, but also special solutions for up to 300 kg leaf weight, for single-leaf up to multi-leaf combinations. Long-term field-tested and corrosion resistant.

Drive systems which don't just move these sort of weights safely and quietly, but also which can be sensibly hidden within the construction, with operating elements which match your design style.

- Mountings for up to 300 kg leaf weight
- Drive systems (manual, electric, radio)
- In many variations if required
- Single, double and multi-leaf (symmetrical or asymmetrical)
- Complete system solutions
- Short delivery deadlines

SLIDING SHUTTERS - A WORLD OF POSSIBILITIES



RAL colours as required. GSS Ltd sliding shutters can be supplied in many colour versions.

- Materials: wood, aluminium and steel in addition to further material such as glass, textiles etc.
- Individual colouring.
- Partially available with rotating slats.
- Continuous extension of models and profile range.
- Also available in small piece numbers or as individual production.

At GSS Ltd we are not just developers and manufacturers of high-quality sliding shutters. There are almost no limits set on your ideas and inspirations. Our experience enables us to guide you and ensure that the foundation and colours can come together in harmony and consistency. Finished products which meet all demands on aesthetics.

SLIDING SHUTTER MODELS

GSS Ltd has got the right sliding shutters for every house. There is a huge choice of basic models for a wide range of different frames available to you, which you can put together individually and have made specially. All models can be supplied as follows:

- **WOOD:** natural, renewable raw material, the appeal of traditional shutters, in combination with timber facades. All wood types are available pre-treated with various lacquers, oils or varnishes.
- **ALUMINIUM:** durable, simple to process, can be coated in all colours, design object as part of a material mix, easy-care. Aluminium profile can be supplied in all RAL colours, DB tones, anodized and are also available in further colours and special tones.

Florence

A miracle of adaptation with slat frames



- | | |
|--------------|---|
| Frames | Extruded aluminium profile, approx. 45/48 mm
With holding strip for slats |
| Infill | Slats in wood or aluminium |
| Specialities | <ul style="list-style-type: none">• stable frame profile• wind load testing to DIN13659 by ift Rosenheim• simple replacement of infill• rotating slats possible |
| Examples | <ul style="list-style-type: none">1 Slats made of thermal wood2 Slats made of aluminium DB 7033 Building corner with "Herakles" fitting solution4 Holding strip for wooden slats |

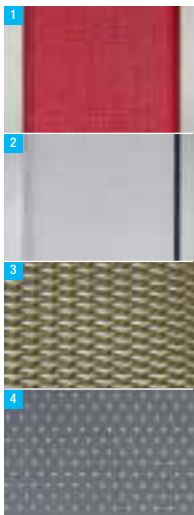


Verona

The adaptable marvel with plane infills



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|--------------|---|
| Frames | Extruded aluminium profile, approx. 45/48 mm with glass strips and, if necessary, clamping frames and rubber |
| Infill | Plane lining: expanded metal, fabric, plate etc.
Plane panelling: fibreboard or wooden panels, printed glass, sandwich panels etc. |
| Specialities | <ul style="list-style-type: none">• stable frame profile• simple replacement of infill• sets large-area colourful accents |
| Examples | <ul style="list-style-type: none">1 Fabric lining with Soltis 922 Expanded metal in aluminium3 Material example anodized expanded metal4 Material example perforated aluminium |



Salzburg

The traditional line in wood or aluminium



- | | |
|--------------|--|
| Frames | Aluminium or wood friezes, approx. 70/30 mm |
| Infill | Traditional slats, panelling or board infill |
| Specialities | <ul style="list-style-type: none">• traditional, classical appearance with wide friezes• standardised and inexpensive due to large piece numbers• ideally combinable with traditional folding shutters• optionally with rotating slats• also available in aluminium wood decor |
| Examples | <ul style="list-style-type: none">1 Interior Venetian blind slats2 Protruding Venetian blind slats3 Aluminium slats4 Selection lever for rotating slats |

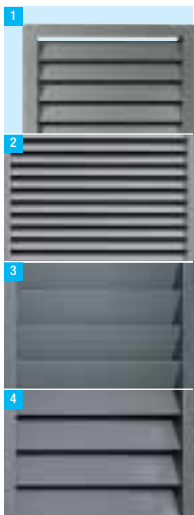


Sydney

Individual, slim-line and modern



- | | |
|--------------|---|
| Frames | Rectangular tube of your choice |
| Infill | Aluminium slats in various dimensions
Inlaid or screwed to frames |
| Specialities | <ul style="list-style-type: none">• modern, straight-lined design• free choice of slat spacing and dimensions• slim-line frames ideal for several leaves |
| Examples | <ul style="list-style-type: none">1 Narrow frame view as required2 Any slat distribution required3 Slat view from inside4 Slat view from outside |

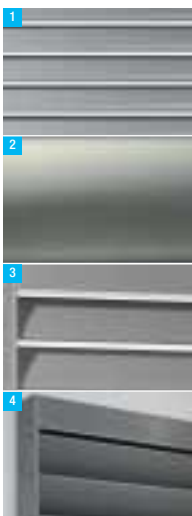


Lisbon

Individual, slim-line and modern



- Frames
- Top and bottom: rectangular tube of your choice
Sides: flat as required
- Infill
- Aluminium slats in various dimensions screwed to the frames
- Specialities
- modern, straight-lined design
 - free choice of slat spacing and dimensions
 - extremely flat frame appearance
- Examples
- 1 Elliptical slats 50/13
 - 2 Surface of an anodized slat
 - 3 Stable corner formation
 - 4 Flat frames with screwed slats



Rotterdam

Great performance with rotating slats



- Frames
- Extruded aluminium profile, 40/50 or 40/60
- Infill
- Aluminium slats, elliptical 70/15
Fixed or rotating
Red cedar wooden slats, trapezoidal, 68/16, rotating
- Specialities
- suitable for major projects due to "large profile"
 - available as rotating slats
 - noble, rare red cedar wood
 - novel S-shaped slats available
- Examples
- 1 Rotating slats in red cedar wood
 - 2 Rigid slats in aluminium
 - 3 Functional slat appearance on the building
 - 4 Rotating slats, opened

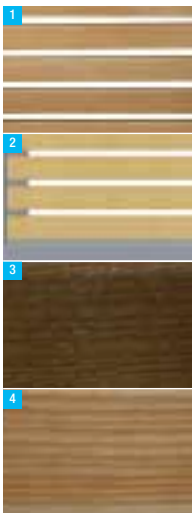


Vienna

Near-frameless wood appearance



- Frames
- Aluminium profile, approx. 41/44 mm
- Infill
- Wooden slats in selectable dimensions (e.g. trapezoidal), also available with aluminium slats
- Specialities
- free choice of slat spacing and dimensions
 - available in different wood types
 - narrow frame appearance
 - light, easy-care frames thanks to aluminium profile
- Examples
- 1 Larch slat 40/25
 - 2 Frame profile with floor guide rail
 - 3 Material example thermal wood
 - 4 Material example larch wood



Brussels

A giant amongst movable sunscreens



- Frames
- Extruded aluminium profile, 40/54
- Infill
- Aluminium slats 60/10
Aluminium slats, C-profile 100/25
- Specialities
- suitable for major projects due to "large profile"
 - novel C-shaped slats available
- Examples
- 1 Rigid slats in aluminium
 - 2 Available in all RAL colours and special tones
 - 3 Stable corner workmanship
 - 4 Also available in frame/slat colour combinations

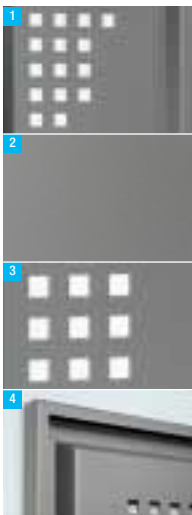


New York

Modern appearance



- Workmanship
- Edged sheet aluminium with smooth appearance
Alternative with additional optical rebate
Pattern as required (perforations, drill holes, logo etc.)
- Specialities
- slim-line, timeless design
 - enormous stability
 - no screws or processing aids visible
 - inexpensive and lightweight
 - optical design possibilities as required by perforations and drill holes
- Examples
- 1 Additional optical rebate
 - 2 Smooth surface in DB 703 aluminium
 - 3 Individual perforation as required
 - 4 Internal view with additional optical rebate

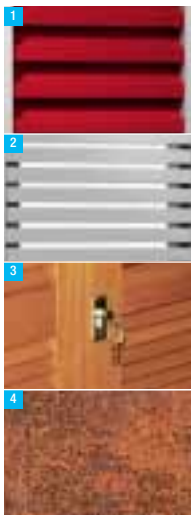


Special solution

Everything is possible



- Frames
- Can be combined with all standard models in addition to semi-finished products (angle and tube profile)
- Workmanship
- Screwed, clipped, riveted, welded, milled, sawn and much more. Everything is possible thanks to our modern production engineering. Design and visualisation using CAD.
- Specialities
- we can make just what you want
 - your building will become unique
 - new profiles also possible for major projects
- Examples
- 1 Rectangular tube frames, Z-profile slats
 - 2 Frames and slats made of semi-finished products
 - 3 Integration of operating elements
 - 4 Material example Corten steel



FOLDING SHUTTERS - SPACE SAVING



GSS Ltd folding shutters save space and provide protection. Also available motorised.

SPECIAL SOLUTIONS

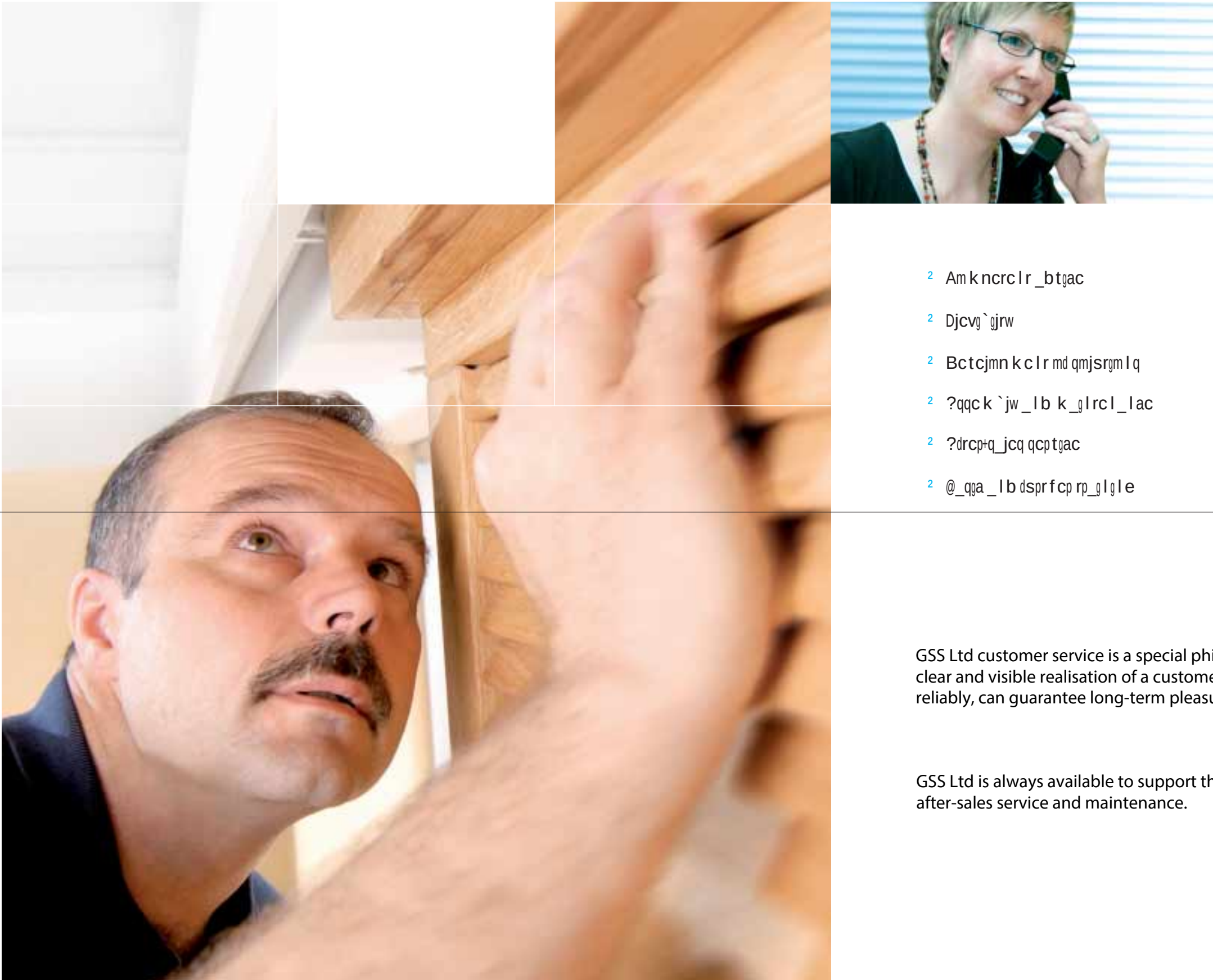


Folding shutters which automatically follow the sun's path.

GSS Ltd folding shutters become a stylish element and space-saving protective device at the same time.

GSS Ltd folding shutters fold themselves softly back through 90° into the façade, manually, or using clever drive systems. It doesn't matter whether they are mounted on the façade or the outside of a balcony. Fittings and floor guides ensure the safety, while the folding shutters ensure protection. Offering protection from the wind, the sun and of course privacy.

SERVICE AND AFTERSALES SUPPORT



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GSS Ltd customer service is a special philosophy which we apply every day. Only a product which is a clear and visible realisation of a customer's specific requirements, and is delivered and assembled reliably, can guarantee long-term pleasure which GSS Ltd customers appreciate so much.

GSS Ltd is always available to support their customers from consultation to production and assembly to after-sales service and maintenance.