

Our production

schwan glas combines more than 150 years of tradition with state-of-the-art techniques when it comes to glass manufacturing, glass processing and glass design.

Glass is at the heart of everything we do and we are always on the lookout for new ideas, which help to turn spaces and outdoor areas into something truly special. At our centrally located sites in Düsseldorf and Cologne, we focus on providing creative advice in consultation with you. In addition to our comprehensive advice, you are also in the best of hands when it comes to planning and custom production of high quality structural elements and fixtures made from glass. You get service from a single source, because we can always deliver the right accessory as well.

In addition to a perfect cut, versatile grinding and precise CNC processing, we also offer you perfect products for interior design with glass – and in most cases with attractive added value to top it all off. That's why our range also includes glass bonding, diverse inlays for laminated glass and high quality glass finishing, such as the lotus effect. The switchable laminated glass **schwan switchglas** completes the product range.

The ranges **schwan glas colorcoat** and **schwan glas digitalprint** are particularly popular, because we coat one side of the glass in the colour of your choice or use a design motif of your choosing. For inlay technology, we rely on **schwan glas VG mesh** and **schwan glas VG TEX**, in which special meshes are laminated between two individual panes. As a result, the design possibilities are practically infinite – and with enhanced added value at that.

Rapid implementation and adherence to schedules are guaranteed due to our large glass warehouse and our own vehicle fleet with daily deliveries and pick-ups, even for larger quantities. schwan glas. competent. creative. capable.



schwan glas VG mesh

Cutting-edge design with added value



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Consultation
Custom production
Glass finishing
Glass bonding
Glass wholesale

Metal meets glass design

The range of applications for schwan glas VG mesh is practically infinite, as the configuration of this design glass is extremely diverse. In this case, a high quality, metal-lised precision mesh is laminated between two glass surfaces, which can be made out of tempered glass or heat strengthened glass, as well as non-tempered glass.

A real eye-catcher. The standard range of special mesh includes 7 different mesh types with a level of transparency that changes accordingly. In addition, there are also up to 6 colour variants.

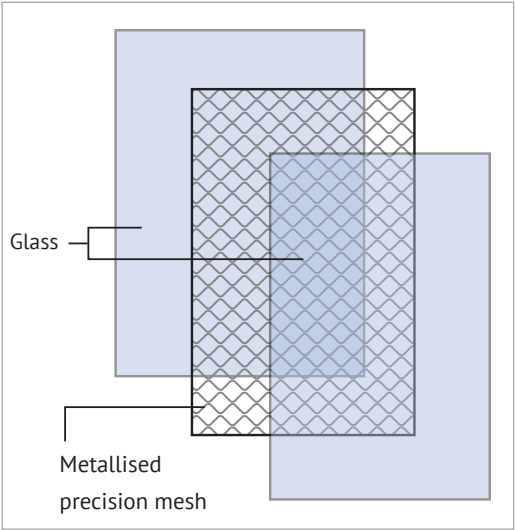


An even more distinctive look?

If desired, the meshes can also be customised further using digital printing or laser cutting. Logos, skylines, nature motifs or similar images can all be integrated. At the same time, additional colour coatings from the RAL and Pantone charts are also available.

Glass design with added value

- Depending on the mesh selected, the low g-value of the glass significantly minimises solar radiation, thus reducing heat build-up in rooms and spaces.
- The metallised inlays are protected by the laminated glass fabrication. Above all, you avoid corrosion due to weather conditions in outdoor areas.
- Despite the metallic design effect, the surfaces are easy to clean.
- The mesh specially designed for the glass lamination is lighter and thinner than standard metal mesh, thus providing more leeway for planning and installation.



Glass structure

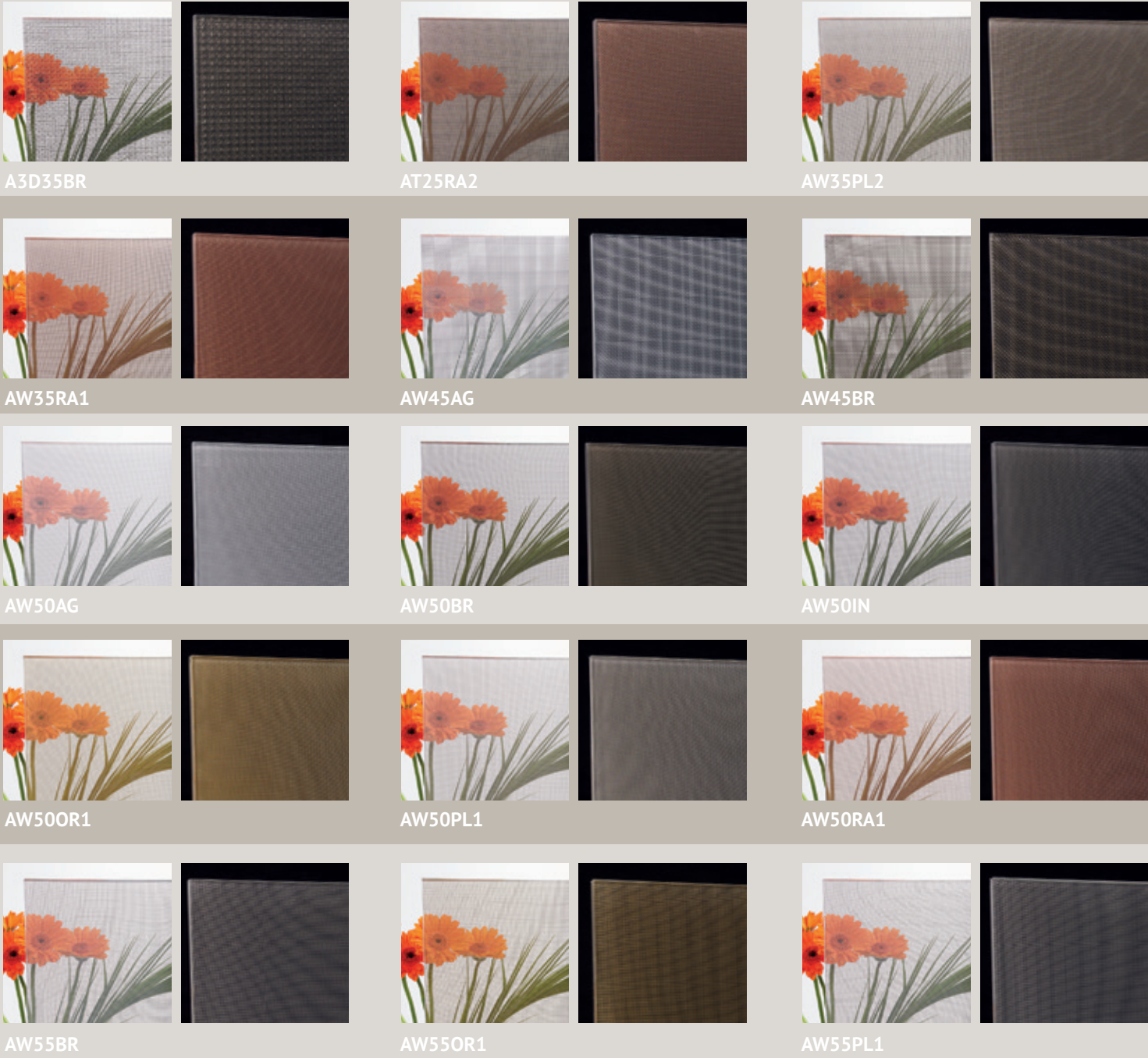
Areas of application

Interior

- Doors and all-glass systems
- Partition walls
- Shower enclosures
- Wall coverings
- Furniture coverings and doors
- Tabletops

Exterior

- Facade panels
- Insulating glass



Technical data

Product	Open area	Light transmission*	G-value*	Max. width/ mesh	Colours	Thickness for 2 x 4 mm glass
VG mesh AW 55	52,00 %	51,40 %	55,30 %	1580 mm	Aluminium, bronze, stainless steel, gold, platinum, copper	Approx. 9,5 mm
VG mesh AW 50	44,00 %	43,00 %	49,10 %	1580 mm	Aluminium, bronze, gold, platinum, copper	Approx. 9,5 mm
VG mesh AW 45	44,00 %	45,60 %	51,50 %	1580 mm	Aluminium, bronze	Approx. 9,5 mm
VG mesh AW 35	35,00 %	33,10 %	42,40 %	1580 mm	Aluminium, bronze, gold, platinum, copper	Approx. 9,5 mm
VG mesh AT 25	25,00 %	45,00 %	37,00 %	1580 mm	Aluminium, gold, copper, titanium	Approx. 9,5 mm
VG mesh A3D 38	n.s.	n.s.	n.s.	1580 mm	Aluminium	Approx. 11 mm
VG mesh A3D 35	n.s.	n.s.	n.s.	1580 mm	Aluminium, bronze	Approx. 11 mm

* Data for mesh without glass