



WORLD WIDE WEAVE

### **Premiere at the R+T fair:**

Metal mesh roll-up solar protection systems and security shutters

**GKD – Gebr. Kufferath AG, global market leader for metal fabrics, innovative solar protection systems, and security shutters, will be presenting its products and services at R+T in Stuttgart, the world's leading trade fair for roller shutters, doors/gates and sun protection. With the combination of high-grade metal mesh and proven technology from well-known system partners, the company sets new standards in design, comfort, and security. For example, the new systems from GKD combine the transparency and robustness typical of metal mesh with numerous functional properties. This opens up previously unknown design options for the metal fabrics as a way of responding to ever stricter requirements in terms of aesthetics and function.**

The technical weaver, based in the German town of Düren and now in its third generation of owner-management, is exhibiting at the R+T event for the first time to present a new dimension of metal shutters. Never before have metal mesh roll-up security shutters with complete technology kit or exterior metal mesh been available as a plug-and-play system from GKD. These sophisticated systems offer planners, developers, and tradesmen functional and attractive solutions that are easy to install.

### **Motor-operated stainless steel mesh roll-up systems**

The perfect balance of elegance and security is what makes the innovative metal mesh roll-up systems from GKD so unmistakable. Their visually sophisticated, yet technically rugged design can be individually customized



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and is both transparent and air-permeable. As a high-grade alternative to conventional lattice and rolling shutters, the woven texture prevents unauthorized access and theft. The mesh roll-up systems, which can be supplied up to eight meters wide and five meters high, can be used in both indoor and outdoor applications. Available with three different metal mesh types – Tigris, Lago, and Sambesi – the degree of transparency of the roll-up systems can be individually selected. Whether for display windows in shopping arcades or kiosks, at entrances to underground parking garages, for residential areas with exclusive usage zones or partitioning off restricted-access areas in industrial and catering operations: optimized lateral guides guarantee permanent, quiet, and fast opening and closing of the elegant roll-up systems, even with frequent use. The perfectly matched system, combining metal mesh with proven technology from a well-known system partner, is easy to install and ready to use very quickly. Manufactured entirely from stainless steel, the mesh roll-up systems excel through their long service life, weather resistance, minimum cleaning requirements, and low maintenance costs.

#### **Horizontal metal mesh folding shutters for exterior applications**

The motor-operated metal mesh folding shutters from GKD offer an attractive alternative wherever exceptional aesthetics are to be coupled with efficient visual, solar, and weather protection. Individually planned, available in virtually any size and also with color anodizing on request, they lend large glass façades an unmistakable face. Proven drives from a renowned system partner guarantee long-term operational reliability and convenient operation. The weather-resistant and corrosion-resistant metal mesh sliding shutters are supplied as a perfectly tailored and matched system, comprising both the metal fabric and technology.



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**New fabric type: Solar Omega**

Besides these motor-operated systems for solar protection and metal mesh security shutters, GKD will also be presenting the revolutionary new solar control fabric Solar Omega at the R+T fair. The new fabric offers an unrivaled degree of transparency with excellent protection from solar radiation. This is made possible by its special mesh design, which employs horizontally interwoven flat wires to create a reflective surface deep in the fabric that radiates the solar energy significantly more efficiently than conventional fabric. Solar Omega permanently improves the energy efficiency of buildings, while being barely distinguishable in appearance from the proven Omega metal fabric.

**Legally approved: metal mesh façades with general building approval (German abZ)**

GKD is the only company in the world to have general building approval for façades, freely suspended ceilings, and vertical fall guard protection elements made of metal mesh. These designs, produced from TIGRIS and OMEGA 1520 cable mesh or ESCALE 7 x 1 spiral mesh, are therefore classed as type-certified construction products as per the German Construction Products Regulation (BPV). The advantage for planners and processors is clear: general building approval means that the costly and time-consuming process of applying for approval on a case-by-case basis is a thing of the past when using GKD metal fabrics for façades. This also qualifies the material for façade designs in more modest construction projects.



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**GKD – Gebr. Kufferath AG at the R+T fair**

**27.2. – 3.3.2018**

**Stuttgart**

**Hall 6**

**Stand 6A11**

*5.086 characters incl. spaces*

### **GKD – WORLD WIDE WEAVE**

As a privately owned technical weaver, GKD - Gebr. Kufferath AG is the world market leader in metal, synthetic and spiral mesh solutions. Three independent business divisions bundle their expertise under one roof: Industrial Mesh (woven metal mesh and filter solutions), Process Belts (belts made of mesh and spirals) and Architectural meshes / Transparent media façades (façades, safety and interior design made of metal fabrics). With its headquarter in Germany and five other facilities in the US, South Africa, China, India and Chile – as well as its branches in France, Spain, Dubai and worldwide representatives, GKD is close to markets anywhere in the world.

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