

### ***Lighting rolled on the wall***

#### **LED Wallpaper - Ingo Maurer by Architects Paper**

Architects Paper together with Ingo Maurer have developed a revolutionary LED wallpaper; a modern lighting installation for the wall. Quickly and without complications you can achieve effects which previously were only possible with time-consuming installation work stuck on the wall. With this innovative product the Gummersbach company has written a new chapter in the history of wallpaper. The German Design Council agreed and awarded the wallpaper the Interior Innovation Prize 2012.

A totally special light staging is offered by the new LED wallpaper - Ingo Maurer by Architects Paper, the premium brand of A.S. Creation Tapeten AG, Europe's largest wallpaper manufacturer. LED wallpaper is the first non-woven wallpaper with hundreds of integrated LED lights. And yet this spectacular wall covering can be put on the wall just as easily and fast as any non-woven wallpaper. It needs neither special paste nor specialist knowledge of electrical installation and the wallpaper roll only has a diameter of 10 centimetres. If you want to have a change then it can be easily removed from its background and be used to decorate another wall.

#### **Non-woven wallpaper with lighting technology**

As with other wallpapers too, the background for non-woven wallpaper needs to be capable of bearing it, absorbent, clean, dry and flat. A wallpaper drop comprises five pattern repeats and has the dimensions 320 x 60 cm. Each pattern repeat is fitted with 48 white, 60 blue and 60 red LEDs. A drop has 840 LEDs which means at full power that each wallpaper drop with arranged LEDs has about 60 W that is to say 240 lumens light intensity pro Watt. The LEDs are controlled by a series connection unit which enables the programming of the individual LED colours and the regulation of the respective brightness. The 25 x 3 x 3 small box disappears invisibly behind a silver coloured skirting board which forms the bridge to the floor. With its Fire Protection Classification B1 this non-woven wallpaper is eminently suitable for use in properties. The design is equally so; that is to say the colour of the LEDs and the background is your choice with 15 strips or more. Any special wishes can be handled by Architects Paper and Ingo Maurer in closer discussion with the client.

### **Interior Innovation Award 2012**

For three years Architects Paper and Ingo Maurer worked together to support the work on LED wallpaper. As Martin Hisge, Marketing Manager of Architects Paper, says "Product development takes time, the more so as alongside the pure wallpaper printing, a lot of new electro-technical work came our way for which we first of all had to find solutions." According to the concept of Ingo Maurer, design and function go hand in hand. Optically a conductor plate was developed so that in that way a white or green matt non-woven wallpaper could be printed as a closed circuit. Distributed over them are white, red and blue LEDs smaller than 3 millimetres. The red and blue diodes form optical cuboids with the white lights loosely and irregularly spread around them. J.S. Dieber, the Product Designer at Architects Paper, who was significantly involved in the development, expects the new paper to create history. "Thus far, all the works of Ingo Maurer were design classics. The LED wallpaper has also the absolute potential to become that." The jury of the German Design Council awarded this completely new kind of wallpaper the Interior Innovation Prize 2012. The Prize Ceremony will take place in January 2012 at the IMM.

### **A look at the environment**

Architects Paper also thought about the environment; LED lights use ninety percent less electricity than a normal light bulb and have a life of up to 100,000 hours. Further they contain neither lead nor mercury and due to their economy the CO<sup>2</sup> contamination of the climate sinks considerably. The goods can be purchased from good class wallpaper suppliers or from Ingo Maurer. The recommended retail price is 2,640 Euro per strip including the series connection unit.

### ***About Architects Paper***

Within the portfolio of the brand Architects Paper, from the house of A.S. Creation, there are hand-finished unique products in very small editions, different innovative wall coverings in sandstone, concrete as well as slate effect, the first wallpaper collection from the star architect Hadi Teherani and now the first LED wallpaper from the Munich Lighting designer Ingo Maurer. In addition Architects Paper offer customised individual client solutions for walls based on the newest innovations in wall covering design. The exclusive wall coverings are located in the high value market segment, that is to say - the contract business. Alongside architects, interior designers, planners and the higher echelons of the retail trade, interior decorators also belong to our target group.

[www.architects-paper.com](http://www.architects-paper.com)

**About Ingo Maurer**

Ingo Maurer was born in 1932 and has been designing his unusual lamps and lighting systems since 1966. He develops lighting concepts and spectacular unique specimens for private and public buildings. Maurer counts worldwide as one of the leading lighting designers. International design critics acclaim Maurer as 'Poet of Light', 'Pope of Lighting' or even as 'Light Magus'. That design is an exciting science and is not a rigid dogma for him, is reflected in his extremely original lights and lighting systems which often mean that the lamps themselves become the manifestations of his concept. To his most famous designs belong: Bulb (1966), the low-voltage halogen system YaYaHo (1984) and the winged light bulb Lucellino (1992). In 2010 Ingo Maurer was awarded the Design prize of the German Federal Republic for his life's work.

[www.ingo-maurer.com](http://www.ingo-maurer.com)

**Picture caption**

A very special show of lighting is provided by the new LED wallpaper Ingo Maurer by Architects Paper, the premium brand of A.S. Création Tapeten AG, Europe's largest wallpaper manufacturer. LED wallpaper is the first non-woven wallpaper with hundreds of integrated LED lights and even so this wall covering can be fixed to the wall just like any other non-woven wallpaper. The German Design Council awarded this completely new kind of wall covering their Interior Innovation Prize for 2012.

*PHOTO:* Architects Paper, Ingo Maurer

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