

Luminous walls

LED Wallpaper - Ingo Maurer by Architects Paper

Architects Paper developed, together with Ingo Maurer, the LED wallpaper which brings modern lighting design to the walls. With this innovative product the Gummersbach manufacturer turns a new page in wallpapering history. The jury of the German Design Council has given the 2012 Interior Innovation Award for this completely new kind of wall covering. The prize ceremony will take place at the IMM in January 2012.

The mood and atmosphere of a room are primarily linked with lighting. In this connection it fulfills three functions: the basic lighting serves orientation, the local lighting or the zonal lighting provides the purposeful lighting for definite tasks such as working, reading or cooking and the mood lighting provides striking accents and highlights in the room. A really special highlight in room lighting choreography is created using the new LED wallpaper - Ingo Maurer from Architects Paper. The first wallpaper with integrated LED lamps. Many hundreds of small points of light set the scene for this spectacular wallpaper as lighting from Architects Paper which is the premium brand from A.S. Creation Tapeten AG who are Europe's largest wallpaper manufacturers. Behind this idea is the multi prize-winning Lighting designer Ingo Maurer. With this innovation, walls are transformed into a stage for a unique show of lighting, a drama both extravagant and memorable.

A one-off play with lighting

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." And the commitment paid off. With the LED wallpaper there is the first marriage of modern lighting techniques with proven non-woven wallpaper. Optically, the wall covering as printed circuit board comes from there. According to the concept of Ingo Maurer, design and function go hand in hand. On white, or by choice, green, matt non-woven wallpaper the conducting paths are printed double-sided as a closed circuit. Distributed over them are white, red and blue LEDs. 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."

Non-woven wallpaper with illuminating engineering

The non-woven wallpaper belongs to fire protection classification B1 and can be affixed to the wall with normal wallpaper adhesive. A drop of 320 x 60 cm comprises five pattern repeats of 48 white, 60 blue and 60 red LEDs. At full strength the 840 reach on one drop arranged LEDs a total of 60 Watt. The LEDs are controlled by a series connection unit which enables the individual programming of the individual LED colours and the regulation of the respective degrees of light. The silver-coloured skirting boards make the successful junction to the floor and at the same time the technical equipment disappears behind them.

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 CO² contamination of the climate sinks considerably.

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

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

Picture caption

With the new LED wallpaper - Ingo Maurer at Architects Paper - walls are transformed into a stage for a unique show of lighting - a drama both extravagant and fascinating. The German Design Council also felt that because they awarded the wallpaper their Interior Innovation Award for 2012.

PHOTO: Architects Paper, Ingo Maurer

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