



## Derako naturally curved ceiling

The Wroclavia Shopping Centre was recently completed in Wroclaw, Poland. This beautiful shopping centre, developed by Unibail-Rodamco, has the Derako linear system in which the solid wood slats are curved in a special way. This made unique vaulted shapes and curves in the ceiling possible, which give the building an impressive yet warm appearance on the inside. ►



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## Unique shopping centre

With a surface area of 64.000 m<sup>2</sup>, around 200 shops, restaurants, cafes, an indoor playground, gym and IMAX Cinema, Wroclavia is the new lifestyle shopping centre in the centre of Wroclaw. With an expected 13 million annual visitors, this will be the place where people go for entertainment, socialising and shopping. The shopping centre is furthermore easily accessible by public transport and by bicycle. Some 1.300 m of bicycle paths and 400 parking spaces were constructed in the immediate vicinity for this purpose.

## Natural experience

During the design and construction phase, everything was geared towards sustainability, using natural shapes and materials. From this principle, the architect IMD Asymetria created a unique and welcoming atmosphere, in which humans and their experience are the central focus. Borkowski of IMD Asymetria explains: “The human dimension is of course important, it has to be pleasant and future-proof”. Therefore, a conscious search was undertaken for environmentally-friendly materials during the materialisation phase, with which the building has acquired a BREEAM-Excellent







predicate. Among other things, garden areas with a grey water circuit were developed. And through the application of glazing, both in the roof and the walls, a lot of natural daylight is brought into the building. This light is supplemented by LED lighting systems which are subtly incorporated into the ceiling.

### Design ceiling - with the naturally curved linear system

A specially designed wooden ceiling runs through the entire shopping centre in an undulating motion following the contours of the shell. From the design vision, which required natural materials and shapes combined with a BREEAM certification, the Derako linear naturally curved system was chosen. In partnership with sales and installation partner Hunter Douglas Poland, Derako will with this system design go a step further in creating uniquely shaped ceilings and walls. Through making technical adjustments to the product itself and the Derako support system, it's possible to shape the wood of the slats in a natural way. Unlike standard curved ceilings and walls, where the slats are straight and the support system is curved, the curve in this implementation of the linear system comes directly from the wood itself. This adds an extra dimension with which very special organic and never-before-seen shapes can be achieved.



## Advantages of the linear system

The Derako linear system, with a C2C silver certification, consists of solid wood slats which are fastened to a special support system of rails and clips according to a fixed template. This fastening is located on the back of the system and is invisible. The linear system is especially suitable for spaces with acoustic requirements. Thanks to a wide range of wood types, system types, sizes and finishes, there are many possibilities for the construction of your ceiling or wall with the desired appearance.



## Varying dimensions

By combining slats of different widths and thicknesses within the linear system, you can create ceilings or walls with an even more unusual appearance. A random pattern provides further reinforcement of the natural and playful effect, with a wide range of wood types and size combinations.

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