

Floor-to-ceiling windows let the sun into your home

Enjoy a panoramic view



Floor-to-ceiling windows not only look great, they also provide a view of the outside world, such as the garden. In addition, they allow plenty of daylight into your home. This makes the rooms appear much brighter and friendlier. When opting for large glass fronts, you can choose between window walls with fixed glazing and lift-and-slide doors. For their installation, only materials should be used that have been tested for residential health and are very low in emissions. They can be easily recognized by the EMICODE® seal.

When installing new windows, more and more housebuilders and renovators are opting for floor-to-ceiling windows. They are available as lift-and-slide doors that can be opened, as well as window walls with fixed glazing. Both variants allow a lot of light to enter the interior and offer impressive views of the surroundings. For this reason, they are also called picture or panorama windows. On the ground floor, they additionally provide a barrier-free transition to the outdoors, such as the garden. This enhances the residents' quality of life and independence, especially in old age.

However, floor-to-ceiling windows are not only excellent design elements for modern house facades. If your rooms are filled with sufficient amounts of natural light and fresh air, you also live healthier. Your ability to concentrate is enhanced and you simply feel more balanced. But there is another advantage of floor-to-ceiling windows: In the cold season, they save energy by heating the rooms through plenty of natural sunlight. This positive effect in winter can turn into the opposite in summer. Unless you have effective sun protection – as provided, for

example, by blinds, roller shutters or pleated shades with a special coating. Nowadays, radio control and wireless smart home make operation very easy. By installing modern privacy and sun screening systems, you can also protect yourself from unwanted glances without completely blocking out natural daylight. With lift-and-slide doors, you should not forget to install adequate burglar protection since the doors provide additional access to the house. Floor-to-ceiling windows that can be opened require fall protection on the upper floors. There is no need to worry about loss of heating energy: today, large window fronts feature excellent thermal insulation thanks to heat-insulating glass, modern frame design and special window seals.

XXL windows can be easily integrated into new buildings. Retrofitting these windows in the course of renovation or modernization is more complicated and sometimes not possible at all. The crucial factor is static stability and the general condition of the building. A useful tip from experts: Where a lot of daylight enters the rooms, care should be taken to always ensure full-surface bonding of the floor coverings. Only then will they retain their shape when exposed to strong sunlight and humidity.

For building owners, it is important to integrate the glass surfaces already into the planning process. Comfort, good views as well as energy efficiency play an essential role, but also the residents' well-being should be taken into account. All building products and materials used should therefore ensure a healthy indoor climate. Products with the EMICODE® seal on the packaging meet the world's most stringent emission limits. The quality seal is awarded by the GEV. The test procedure also includes unannounced spot checks carried out by independent testing institutes. Sealing materials for windows and facades, insulation boards, adhesives, primers and numerous other building and installation products are carefully examined regarding their emission behavior.

More information about the EMICODE® can be found at: www.emicode.com

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Only products complying with the most stringent emission limits are awarded the EMICODE® label. Manufacturers must undertake to produce these products according to high quality standards and subject to strict monitoring to fulfil the EMICODE® requirements at all times. To ensure maximum reliability of the emission values claimed by the manufacturers, the products are regularly submitted to random spot checks by independent, internationally recognized testing institutes. The EMICODE® label is currently used in up to 20 languages. The GEV (Gemeinschaft emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.) in Düsseldorf has been responsible for EMICODE® since 1997. **Contact:** info@emicode.com