

Product specification

09.2020

K410® Historic Innovative



Laminated glass **blocks** light with high blue content **up to 410nm**

The **K410®** laminated glass technology enables the production of large-area functional glasses that completely absorb short-wave blue radiation up to a wavelength of 410 nm.

With a total thickness of approx. 6 mm, the laminated glass K410® convinces with clarity and colour neutrality. The combination of weight reduction, break resistance with sound insulation properties and at the same time UV radiation absorbing properties up to the high blue range protects it from photochemical destruction. Inside an insulating glass, arranged on levels 1 and 2, the composite provides additional protection against radiant heat in the summer months.

K410® is preferably used in historical buildings, in modern office buildings with climate-optimised glass facades, in showcase construction and in rooms flooded with light. This results in a series of thermal, building physics and optical advantages, which are convincing in architecture, museums and the arts with completely new applications.

Application: Historical glass, single-pane windows, insulated glass windows, showcases, light-flooded decorations, partitions, or as a protective cover for various light-sensitive applications.

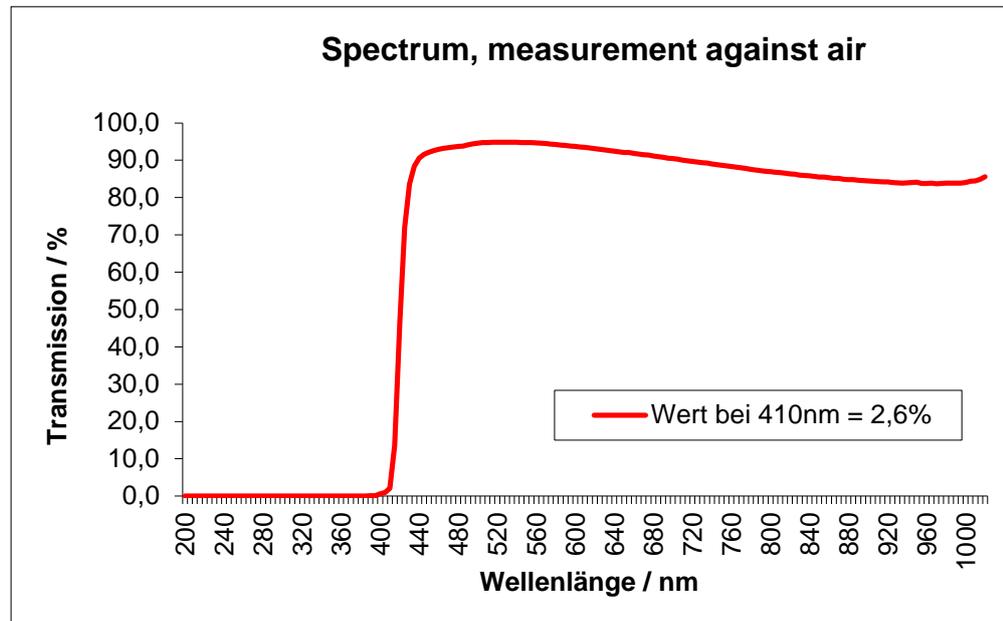
Specification	Dimensions	are from 200 x 200 mm
	Testsystem*	2,95 mm RESTOVER® Plus/ K410®/ 3 mm white glass
	Thickness*	6,0 mm ± 0,2
	Weight*	14,8 kg/qm
	Transmission at 410nm*	≤ 5.0 %

* All values apply to the test system

Processing

The laminated glass K410® can be processed using standard glass cutting technology. It can be used individually and in combination with other types of flat glass. When processing K410® laminated glass with other types of glass, a test bond for compatibility and control of the visual appearance must be carried out. Complaints without prior control of the system used cannot be accepted.

Spectrum*



* All values apply to the test system

Storage Storage at room temperature

Approval EN-ISO 12543-2 [1]
 EN410

Notes

No adverse effects are known when used as intended and processed correctly. According to previous experience and the information available, K410® laminated glass does not cause any adverse effects on the environment or health if it is handled properly and the necessary caution and protective measures for industrial hygiene are observed when handling glass. Our information is based on all knowledge and experience currently available to us. Due to the large number of possible influences during processing and application of our products, the information in this data sheet does not release the user from the responsibility to test the suitability of the product for the intended use and to observe the technological processing rules for the product. Applicable laws and regulations and existing industrial property rights must be observed.

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