

Preliminary product description

10.2018

Float - glass K410®

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



The K410® laminated glass technology enables the manufacture 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 bonded glass K410® impresses with its clarity and color neutrality. The combination of weight reduction, break resistance with sound-absorbing properties and UV radiation-absorbing properties down to the high blue range protects it against photochemical destruction. The energy is converted into heat, which is released back into the environment and thus provides additional heat protection during the summer months.

Laminated glass K410® is preferred in the construction sector and is selected for museum and modern treasures in rooms flooded with light. This results in a series of thermal, structural-physical and optical advantages that are convincing in architecture, museums and the arts with completely new applications.

Whether for single-pane windows, conservatories, insulating glass windows, doors, light-flooded decorations, partition walls, or as a protective cover for various applications, where polymer materials reach their limits, functional glass is used

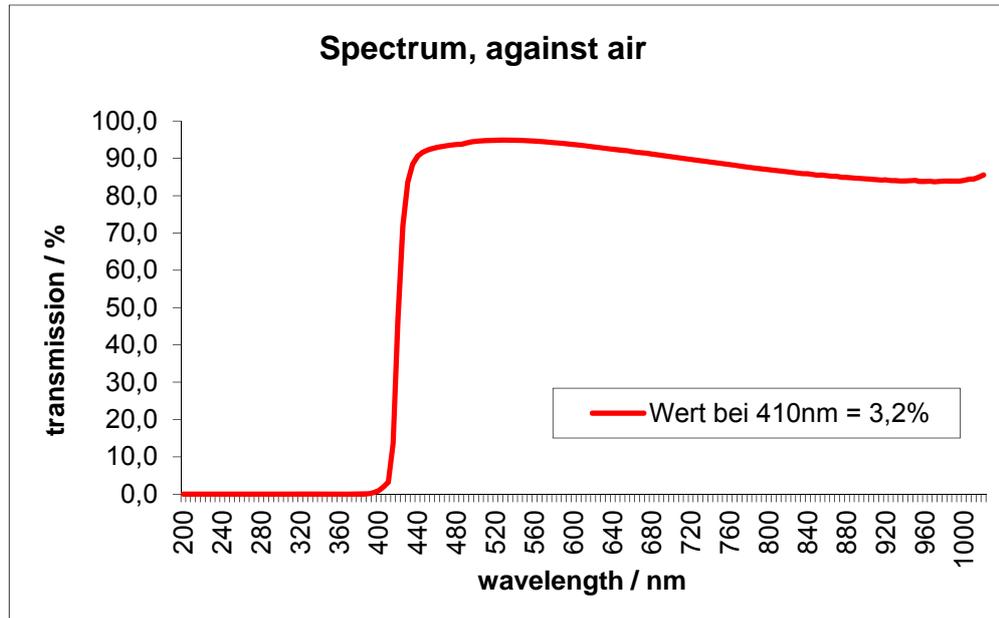
Specification	Glass bond dimension	up to 200 x 200mm
	Test sytem* configuration	3.1 mm float/ K410®/ 3.1 mm float
	Thickness*	6.3 mm ± 0,1
	Wight*	14,8 kg/qm ± 0,1
	Transmission at 410nm*	≤ 5.0 %

* All values apply to the test system

Processing

The bonded glass K410® is equipped with the water jet cutting technology processable. It can be used individually and in combination with other types of flat glass. When processing bonded glass K410® with other types of glass, a test bond must be carried out for compatibility and visual appearance control. Complaints without prior inspection of the system used cannot be accepted.

Spectrum*



* All values apply to the test system

Storage

Storage at room temperature

Notices

No adverse effects are known when used for its intended purpose and processed properly. According to previous experience and available information, laminated glass K410® does not cause any adverse effects on the environment or health if handled properly and if the necessary care and protective measures are taken when handling glass. Our information based on all knowledge and experience currently available to us. The information in this data sheet does not release the user from his responsibility to carry out tests for suitability for the intended purpose and compliance with the technological processing rules for the product due to the large number of possible influences during the processing and application of our products.

Applicable laws and regulations as well as existing industrial property rights must be observed.

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