

## Preliminary product description

10.2018

### Historical - Glass K410®

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



Based on the K410® laminated glass technology, it is possible to produce large restoration glasses that completely absorb the short-wave blue radiation up to a wavelength of 410 nm.

With a total thickness of approx. 4.0 mm, the greenish, historically imitated laminated glass K410® impresses with its wavy surface with slight inclusions. The combination of weight reduction, break resistance with sound-absorbing properties and UV radiation-absorbing properties up to the high blue range protects it against photochemical destruction. The laminated glass K410® is preferred in the building sector and is selected for museum and modern treasures 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.

Whether for windows, doors, light-flooded decorations, partition walls, doors, showcases or as a protective cover for various applications, where polymer materials reach their limits, functional glasses are used.

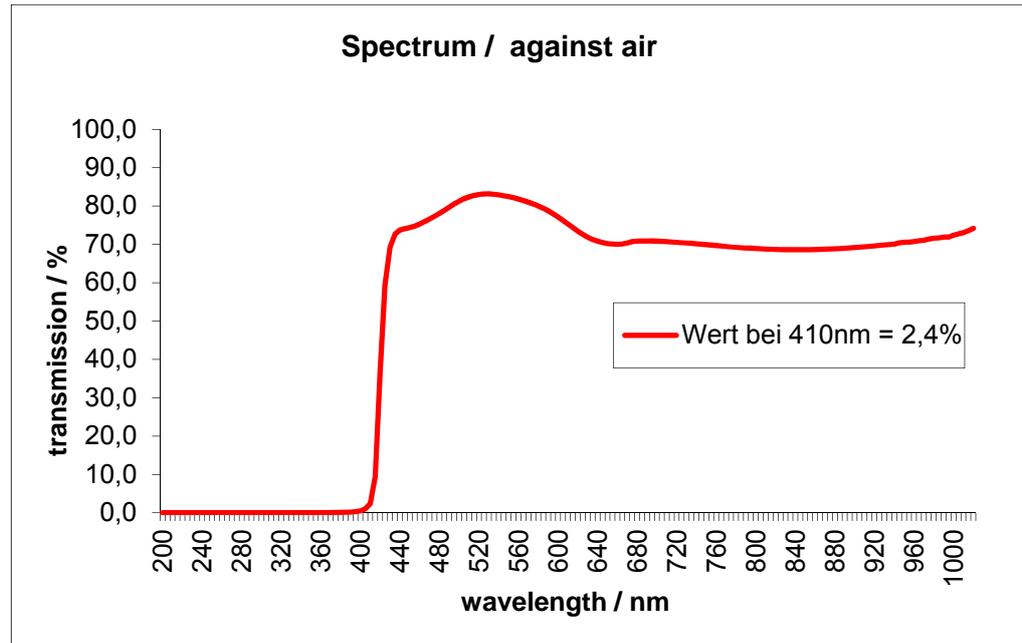
<b>Specification</b>	<b>Glass bond dimension</b>	min. 200 x 200mm
	<b>Test system-configuration*</b>	1.0 mm float/ K410®/ 3.1 mm historical imitated greenish glass
	<b>Thickness*</b>	4.3 mm ± 0,1
	<b>Wight*</b>	10,4 kg/qm ± 0,1
	<b>Transmission at 410nm*</b>	≤ 5.0 %

\* 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

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**Storage**      Storage at room temperature

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### 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 is 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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