

Preliminary product description

10.2018

Insulating glass K410®

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



The K410® laminated glass technology enables the manufacture of insulating glasses that completely absorb short-wave blue radiation up to a wavelength of 410 nm.

With a total thickness of 26 mm, the insulating glass K410® impresses with its clarity and colour neutrality. The combination of weight reduction, break resistance with soundproofing properties and UV radiation-absorbing properties down to the high blue range protects it against photochemical destruction. The highly energetic part hits the first surface of the insulating glass and is completely absorbed. The resulting heat is released into the environment and no longer penetrates into the interior. The K410® technology thus provides additional heat protection during the summer months.

K410® insulating glass is used in construction and modern architecture. A number of thermal, physical and optical advantages combine modern architecture with efficient energy management and are therefore convincing for new areas of application.

K410® insulating glass is used, for example, in glass facades, family houses, winter gardens, skylights and in buildings flooded with light.

Specification	Dimensions	up to 200 x 200mm
	Test system* configuration	6mm K410® float/ 16/ 4mm float, TGI Spacer black/ therm
	Thickness*	26 mm ± 0,1
	Wight*	27.0 kg/qm ± 0,1
	Transmission at 410nm*	≤ 5.0 %

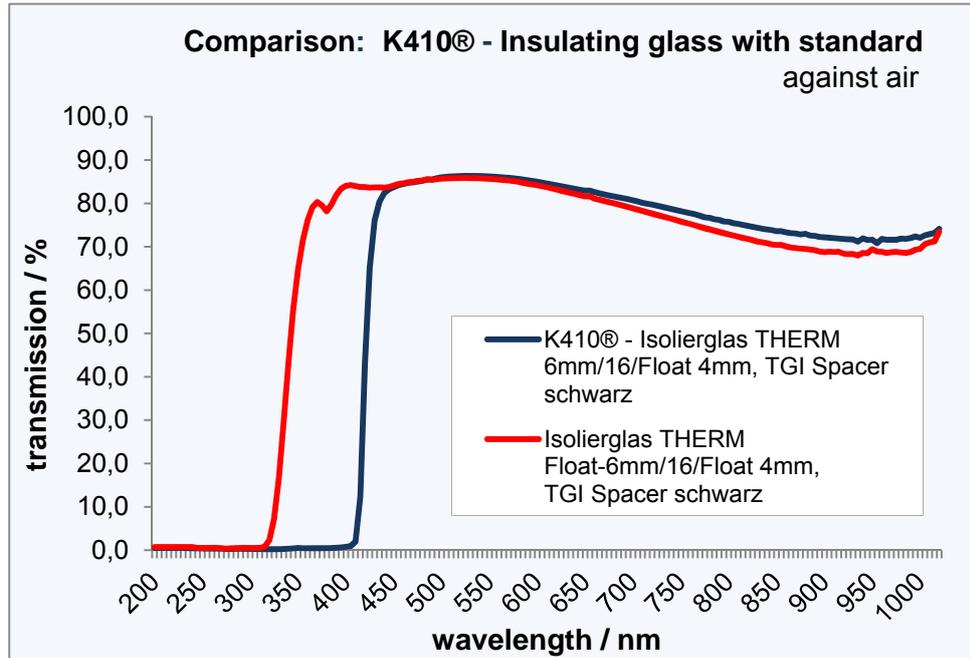
* All values apply to the test system

** The results of the testing according to EN-ISO 12543/ EN 410:2011/ EN 12898:2001/EN673:2011 were not yet available at the time of the trade fair

Production

The insulating glass K410® is produced by authorised insulating glass manufacturers. The combination of the laminated glass K410® makes it possible to create a wide variety of glass components.

Spectrum*



* All values apply to the test system

Storage According to manufacturer

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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