

Product description

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semaSORB[®] FC400

Special interlayer for UV protective laminated safety glass into an 400nm band - pass filter

Product description

UV - protective interlayer semaSORB[®] FC400, made of Polyvinyl butyral, is used as an interlayer in the production of laminated safety glass in automotive and architectural markets. UV protection over the visibility limit (photochemically active violet range).

Specification

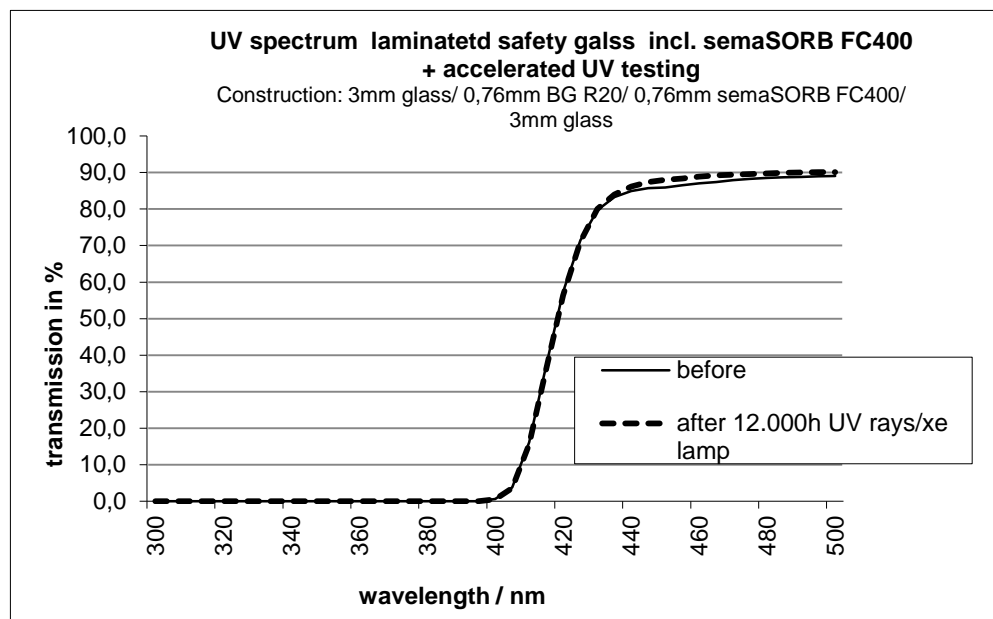
UV-Transmission at 400 nm* ≤ 1.0 % (test system)
Ra/R-value * ≥ 98 % (test system)
Colour Colourless to yellowish

Film thickness 0.76 (± 0.04) mm

Roll length 200 m

Rollen width up to 1600 mm

UV-Spectrum incl. accelerated UV testing



Test system

3 mm float glass
1 x 0.76 mm semaSORB® FC400
1 x 0.76 mm PVB – BG R20
3 mm float glass

- * All values apply for the test system.
 - * These radiation values are lot specific.
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Processing

Processing is carried out individually or in combination with other PVB - films in a special laminating process. **ATTENTION!** When processing semaSORB® FC400 with other PVB films, a test compound is recommended as some PVB films can affect the color impression of the laminated glass.

Storage

Store at room temperature in a closed original packing.

Notices

The proper use and application of semaSORB® FC400 interlayer has not resulted in any adverse effects.

Our instructions are based on our current knowledge and experience. Due to the wide range of possible influences during the application and use of our products, the user is not released from independent tests regarding the product's suitability for the intended purpose. Applicable laws and provisions as well as possible property rights must be observed.

se ma Gesellschaft für Innovationen mbH

Industriestraße 12 · 06869 Coswig · GERMANY

Phone: +49(0)34903-30464 · Fax: +49(0)34903-30465

info@sema-gmbh.com · www.sema-gmbh.com