

UNI GLAS®
IT'S CLEAR

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Our proximity: your advantage

UNI GLAS GmbH & Co. KG
Robert-Bosch-Straße 10
D-56410 Montabaur
Telefon: +49 (0) 2602/94929-0
Fax: +49 (0) 2602/94929-299
E-Mail: info@uniglas.de



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UNI GLAS® | **PANEL**
Vacuum Insulation



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UNI GLAS® | PANEL

Vacuum Insulation

Opaque Glass Elements to combine with UNI GLAS® | SUN

In facades made entirely of glass, there are always areas which must be clad in suitable opaque glass. UNI GLAS® | PANEL vacuum insulation has a special use when designing non-ventilated facades.

UNI GLAS® | PANEL is a highly heat insulating panel with an extremely slimline structure, which is built using insulating glass technology.

The vacuum insulation (VIP) is protected between panes of glass or plate coverings. It is made of pressed silica, which is coated with a fleece and welded and evacuated in a metallic high-barrier foil. Because no static thermal conduction takes place in the vacuum, 10 x more thermal resistance occurs in comparison with conventional insulating materials.

Efficient Use and Advantages which inspire

UNI GLAS® | PANEL is made – from external to internal – from a H-pane of toughened safety glass, which is coated on the inside in any colour to match the facade design. Furthermore, it contains a high-barrier foil, the vacuum insulation panel and a pane of toughened safety glass as the internal conclusion or a sheet of aluminium or steel. The panels can be installed in all conventional post / mullion constructions for individual facade design. The relevant, technical requirements must be taken into account, depending on the use (e.g. TRAV, fire protection, etc.).

Arguments for UNI GLAS® | PANEL

- Gain in usable space despite highest level of thermal insulation
- Installation in all conventional post / mullion constructions or window breasts possible
- Space-saving, slimline constructions
- General technical approval (abZ) for the VIP