

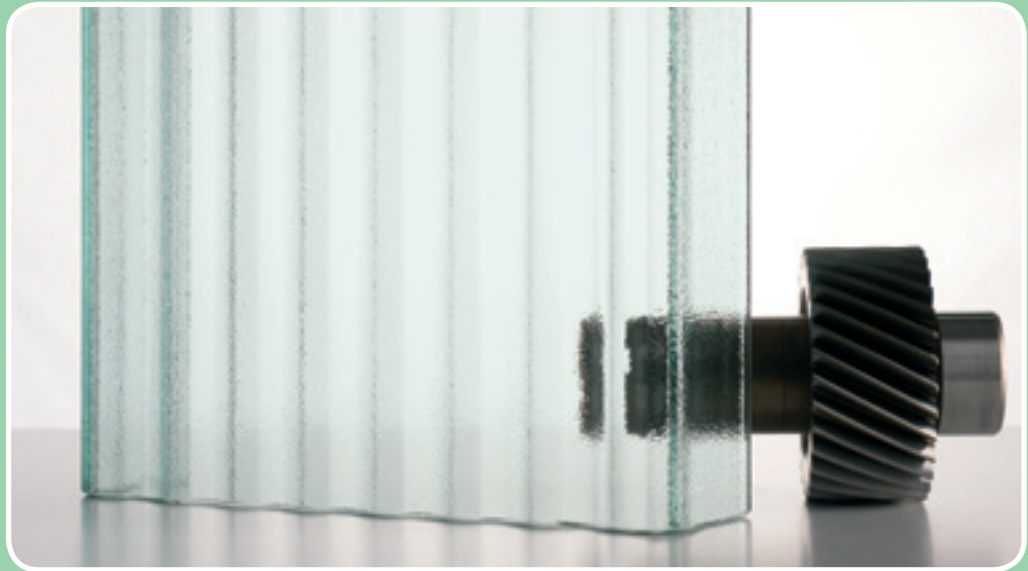


Created to design:
Pilkington **Profilit™** Wave

The first wave-shaped channel glass



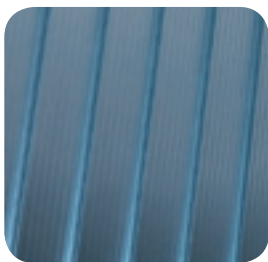
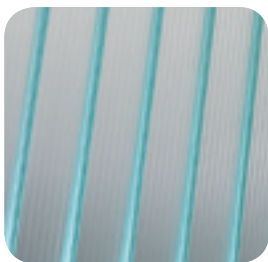
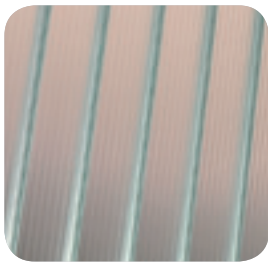
Wave-shaped surface:
The new product variant
Pilkington **Profilit™** Wave
allows a dynamic playing
with reflection and structure.



Created to design: Pilkington **Profilit™** Wave

Pilkington **Profilit™** Wave, the first wave-shaped channel glass, is a completely new channel glass offering that adheres to the motto “Created to design”.

In the facade as well as in the interior, the symmetric wave-shaped surface of Pilkington **Profilit™** Wave gives rise to a fine structure. From a distance too, it gives buildings and building elements greater depth and structure. Additionally, colour-changing effects are created that, depending on the exposure of light, light intensity and viewing angle result in interesting optical variations on the glass surface.



Depending on the light, the light incidence and the viewing angle, the undulating surface makes for dynamic optical effects looking at and through it.



Six features of Pilkington **Profilit™** Wave:

- **Innovation**

The first wave-shaped profiled glass – for a distinctive design appearance of translucent surfaces.

Joints “disappear” when viewed laterally in the wave trough, yielding a homogeneous surface appearance.

- **Creation**

The creative design extension of the Pilkington **Profilit™** product line for the dramatic design and structuring of channel glass section surfaces.

- **Application**

For dynamic surfaces of profiled glass facades, interiors and sophisticated large-scale architecture.

- **Variation**

Interesting look due to variation in the reflection, appearance of and view through the surface, also in combination with other Pilkington **Profilit™** types.

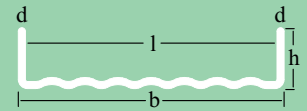
- **Integration**

Proven technical properties of the glazing, known product and system diversity.

- **Vision**

Like the entire Pilkington **Profilit™** glass range, Pilkington **Profilit™** Wave is a “Green Product” with a sustainable life cycle assessment from production through application to recycling.

| | Pilkington Profilit [™] K25 Wave | Pilkington Profilit [™] K25/60/7 Wave |
|---|--|--|
| Width b (mm) | 262 | 262 |
| Flange height h (mm) | 41 | 60 |
| Glass thickness d (mm) | 6 | 7 |
| Weight (single-shell kg/m ²) | 19.0 | 24.5 |
| Maximum delivery length (mm) | 6000 | 7000 |
| Light transmission (%) | (single-shell) 86 • (double-shell) 75 | |
| U _g value (W/m ² K) | (single-shell) 5.7 • (double-shell) 2.8 | |
| Sound reduction index (R _w of 100-3200 Hz) | (single-shell) up to 25 dB • (double-shell) up to 41 dB* | |
| Product variants | Standard, Amethyst, OW, Opal, with longitudinal wire inlay, Pilkington Profilit [™] Wave Plus 1.7 (thermal insulation coated), Pilkington Profilit [™] Wave Antisol (sun protection coated), Pilkington Profilit [™] Wave T and T-H (thermally toughened, with and without Heat Soak Test) | |



Tolerances: b ± 2.0 mm
d ± 0.2 mm
h ± 1.0 mm

Cutting tolerances of ± 3.0 mm are allowed.

Tolerances according to EN 572-7. Dimensions are nominal.

* Glass installation with Pilkington **Profilit**[™] padded profiles No. 165 and 166.

The technical data given here are merely an excerpt. Further information about Pilkington **Profilit**[™] is available on request or online at www.pilkington.com

Tested quality – proven properties

Pilkington **Profilit**[™] Wave is part of the extensive Pilkington **Profilit**[™] modular system.

That means planning reliability and application versatility with tested and known technical characteristics. Delivery and installation lengths of Pilkington **Profilit**[™] Wave are the same as the familiar values of the standard products.

The same applies to the static and energetic properties that vary only slightly as a result of the variation in the surface geometry.

And it has even been possible to transfer the well-known diversity of product variants of Pilkington **Profilit**[™] to the new product.

Applications of Pilkington **Profilit**[™] Wave include:

- Facades of large buildings
- Commercial construction
- Parking buildings
- Stairwells
- Internal partitions



Bauglasindustrie GmbH is certified according to ISO 9001:2008 and ISO 14001:2004.

Larger facade surfaces in particular can be finely structured and arranged with Pilkington **Profilit**[™] Wave – the joints between the individual profiled glass sections go largely unnoticed in the wave-shaped appearance.



This publication provides only a general description of the product. Further, more detailed information may be obtained from your local Pilkington Building Products supplier. It is the responsibility of the user to ensure that the use of this product is appropriate for any particular application and that such use complies with all relevant legislation, standards, code of practice and other requirements.

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CE marking confirms that a product complies its relevant harmonised European Norm.

The CE Marketing label for glass products, including declared values, can be found at www.pilkington.com/CE.



PILKINGTON
NSG Group Flat Glass Business

Bauglasindustrie GmbH

Hüttenstraße 33 66839 Schmelz

Phone +49 (0) 6887 3030 Fax +49 (0) 6887 30345

E-Mail profilbauglas@nsg.com

www.pilkington.com