



SILVERSTAR® ENplus

The latest standard in thermal insulation impresses thanks to its optical elegance



SILVERSTAR® ENplus – The plus in aesthetic for a colour-neutral 1.1 thermally insulating glass.



Plus in efficiency

- Unique, brilliant and elegant outward appearance from a new type of layer design
- Natural colour neutrality thanks to its highly developed SILVERSTAR technology
- More daylight through its high light transmission value
- Favourable overall energy transmittance to limit heat losses
- Achievement of U_g value 1.1 W/m²K acc. to DIN EN 673
- Comfortable warm homes thanks to increased sheet temperature

Plus in processing

- Cost-aware production using standardized cavity and dispensing with expensive inert gases
- Achievable gas filling levels (90 %) mean secure insulating glass manufacture

Plus in possibilities to combine

- Available also on EUROWHITE and LUXAR reflection-free glasses to achieve a higher light transmission value and a higher overall energy transmittance
- Possibility to combine with sound protection and safety functions

Convincing values

Insulating glass structure 4 mm / cavity 16 mm / 4 mm with 90 % argon filling, SILVERSTAR ENplus at layer position 3 in insulating glass

| | |
|---|---------|
| Light transmission | 80 % |
| Light reflection outside | 13 % |
| Colour reproduction index R_a | 97 |
| Overall energy transmittance per DIN EN 410 | 60 % |
| Emissivity | 3 % |
| Colour impression | neutral |

U_g value per DIN EN 673

| | |
|---|------------------------|
| 4/cav 16/4 with 90% argon filling | 1.1 W/m ² K |
| 4/cav 12/4 with 90% argon/krypton filling | 1.1 W/m ² K |
| 4/cav 10/4 with 90% krypton filling | 1.0 W/m ² K |

The technical data quoted here are up to date at the time of going to press. Date 07/2005

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