



# GLASTHERM

## HEATING GLASS PRODUCTS®

### The invisible heating system

**Sizes:** min. 200×300 mm, max. 2000×3000 mm

**Temperatures:** 20 to 350 Watt/m<sup>2</sup> with an efficiency factor of approximately 90%. Each temperature is set according to the size of the respective insulating glass unit.

- ✓ **Combinable with room thermostats that have a relay output**
- ✓ **Insulated glazing: Double or triple insulating glass units (IGU)**
- ✓ **Combinable with most standard glass types**

#### Standard double glass structure:



**GLASTHERM®**  
Coated ESG\*, 4 mm  
Superspacer black, argon filling, 16 mm  
ESG\*, GT\*\*, 4 mm

##### Light and energy values:

- Light transmission: approx. 69 %
- G value: approx. 58 %
- Ug value: 1,1 W/m<sup>2</sup>K



(\*ESG = toughened safety glass)

#### Standard triple glass structure:



**GLASTHERM®**  
Coated ESG\*, 4 mm  
Superspacer black, argon filling, 12 mm  
ESG Float 4 mm  
Superspacer black, argon filling, 12 mm  
ESG\*, GT\*\*, 4 mm

##### Light and energy values:

- Light transmission: approx. 63 %
- G value: approx. 54 %
- Ug value: 0,8 W/m<sup>2</sup>K



(\*\* GT = heated coating)

#### Benefits:

- ✓ Creates higher living comfort
- ✓ Avoids condensation
- ✓ Easy to install during renovations (in comparison to standard heating systems)
- ✓ Easy defrosting of snow and ice on glass roofs and rooflights



**TRANSPARENCY:** GLASTHERM® is invisible within the glass as it contains no wires.

**LIVING COMFORT:** The glass radiates heat – no more cold glass surfaces.

**ECONOMIC VIABILITY:** Lower room temperature required due to radiant heat, quick response and heat recovery

**SAFETY:** Greater safety due to toughened safety glass (ESG).

**HEALTH:** No air movement – ideal for people with allergies.



#### Combinable with ISOLETTE:

##### Blinds between the glass

ISOLETTE is an insulating glass unit with blinds integrated between the insulating glass unit. You can lift and lower the blinds both automatically and manually, such as with a cord. ISOLETTE offers an ideal sun and light protection. It is a perfect solution for all areas where you need to be able to change quickly and easily between a clear view and privacy. It is hygienic, easy to clean and maintenance-free.



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