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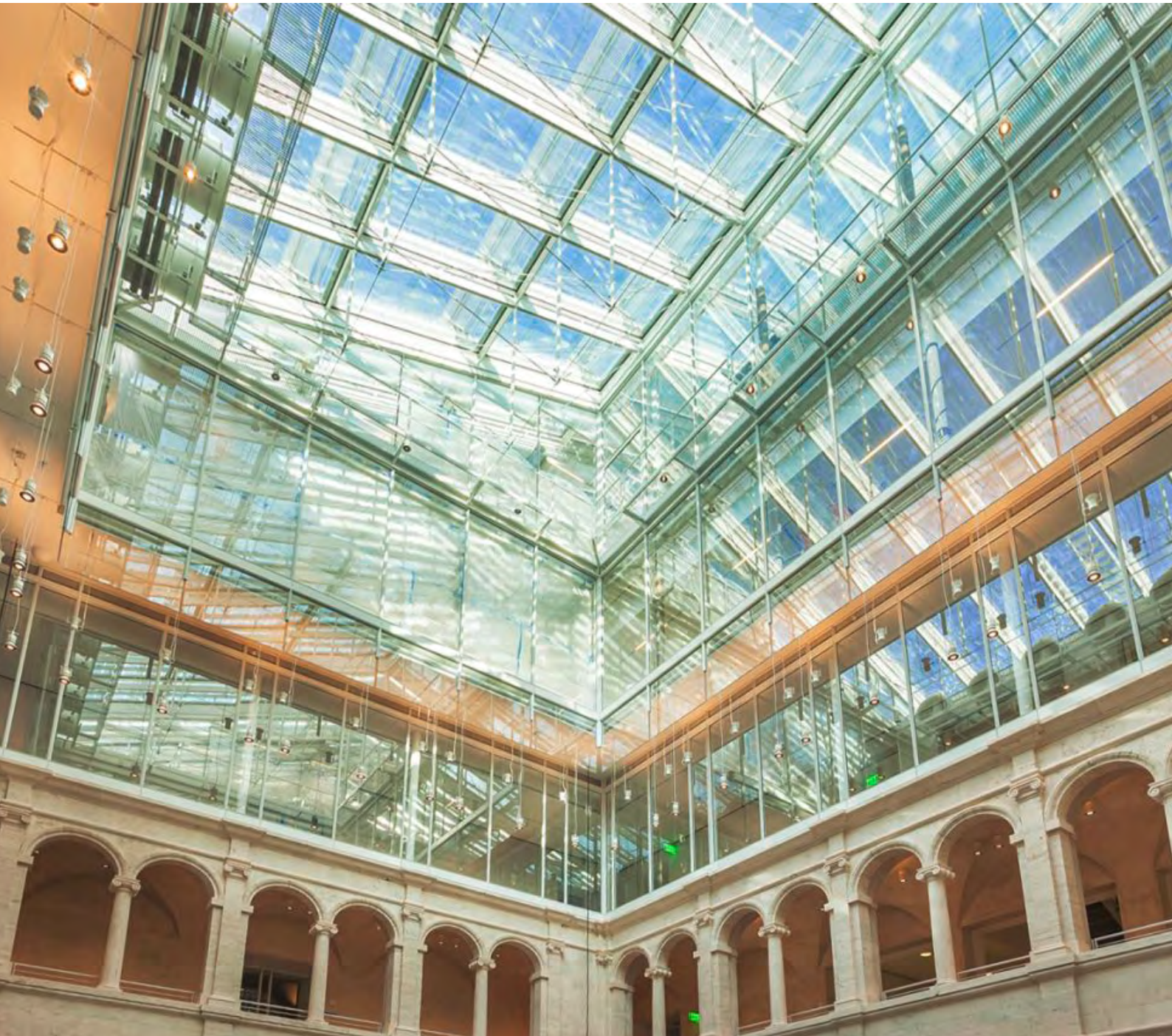






# EUROFLOAT® und EUROWHITE® NG

Basic glass for your ideas





# EUROFLOAT® - clear, plane float glass.

EUROFLOAT built the basis for a variety of glass products, it protects and separate at the same time.

It is filigree and also resistant. The raw materials quartz sand, soda, dolomit, lime and others form the unique material by a temperature of 1.500 °C.

## Your benefits

- Distortion-free transparency, plane surface.
- High chemical resistance.
- Slight green colouration, which can be clearly seen by particularly at the glass edges.
- It does not weather.
- Maximum size up to 3.210 x 6.000 mm (larger sizes on request).
- UV- and light resistance.

## Your scope

### Exterieur

- Facades.
- Residential building.
- Glass roof.

### Interieur

- Showcase and other glass furniture.
- Furnishings of glass.
- Glass staircase.
- Partition wall.

### Industry

- Botanical gardens.
- PV modules.



Glass package in stock, Haldensleben



Raw material for glass production: Cullet, soda, quartz sand, dolomit, li

**Float glass is further processed to make:**

- Insulated glass.
- Laminated safety glass (LSG).
- Tempered safety glass (TSG).
- Coated thermal and solar radiation glass.
- Printed glass.
- Fire protection glass.
- Mirrors.
- Solar glass.



View into the oven in Hombourg

**Technical Data:**

Thickness [mm]	3	4	5	6	8	10	12
Light transmittance $T_v$ [%]	91	90	90	90	89	89	88
Light reflectance (exterior) $p_v$ [%]	8	8	8	8	8	8	8
Direct radiation reflectance $p_e$ [%]	8	8	8	8	7	7	7
Direct radiation absorptance [%]	5	7	9	10	13	16	18
UV transmittance $T_{uv}$ [%]	75	71	68	66	61	58	55
Total energy transmittance $g$ -value [%]	88	87	86	85	83	81	79

The values specified are calculated in accordance with the European standards EN 410:2011 and EN 673:2011 and are based on test data. Production tolerances in accordance with applicable EN standards may give rise to slight discrepancies in the effective values. National standards or supplements (e.g. for the heat transfer coefficient  $U_g$ ) are not taken into consideration.



# EUROWHITE® NG

## extra-white float glass.

The clear and plane glass have a brilliant appearance and no natural colour. Like float glass it forms the basis for aesthetic architecture projects.

### Your benefits

- Unique energy transmittance levels.
- Highly flexible: special sizes up to 3.34 m wide and 12.0 m long.
- Visually appealing light edging.
- High level of colour stability on account of strict production standards.
- Can be combined with all functional glass types as well as LSG and TSG.
- Easy to work with.

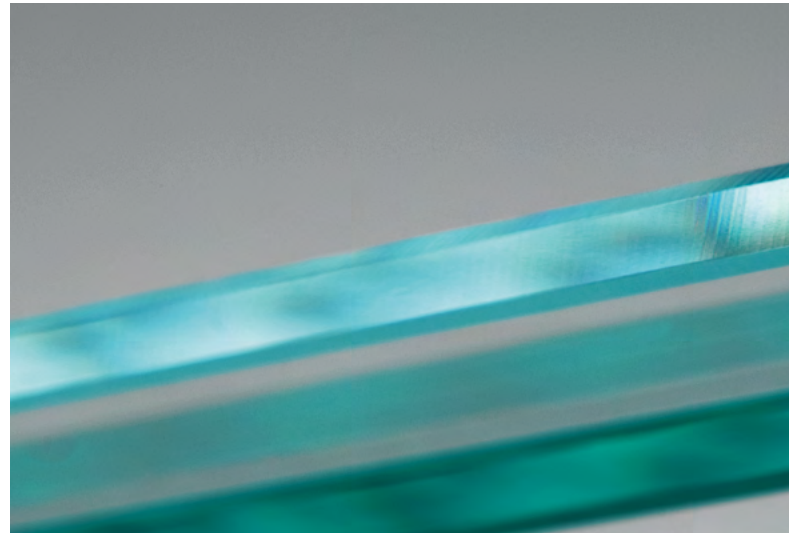
### Your scope

**Architecture – aesthetic facade design in conjunction with SILVERSTAR heat and solar control glass**

- EUROWHITE® NG achieves higher energy yields when combined with heat protection glass.
- The risk of thermally induced glass breakage is reduced in conjunction with sun protection glass.

**Interiors – neutral appearance without green lines, perfect for attractive interior applications**

- Glass parapets, display cases, balconies, furniture, doors, partitions, staircases.
- Coated low-reflective glass.



In comparison with float glass you see the brilliant white glass edge of

**Solar – high light transmission for more performance**

- Front covers for solar modules.

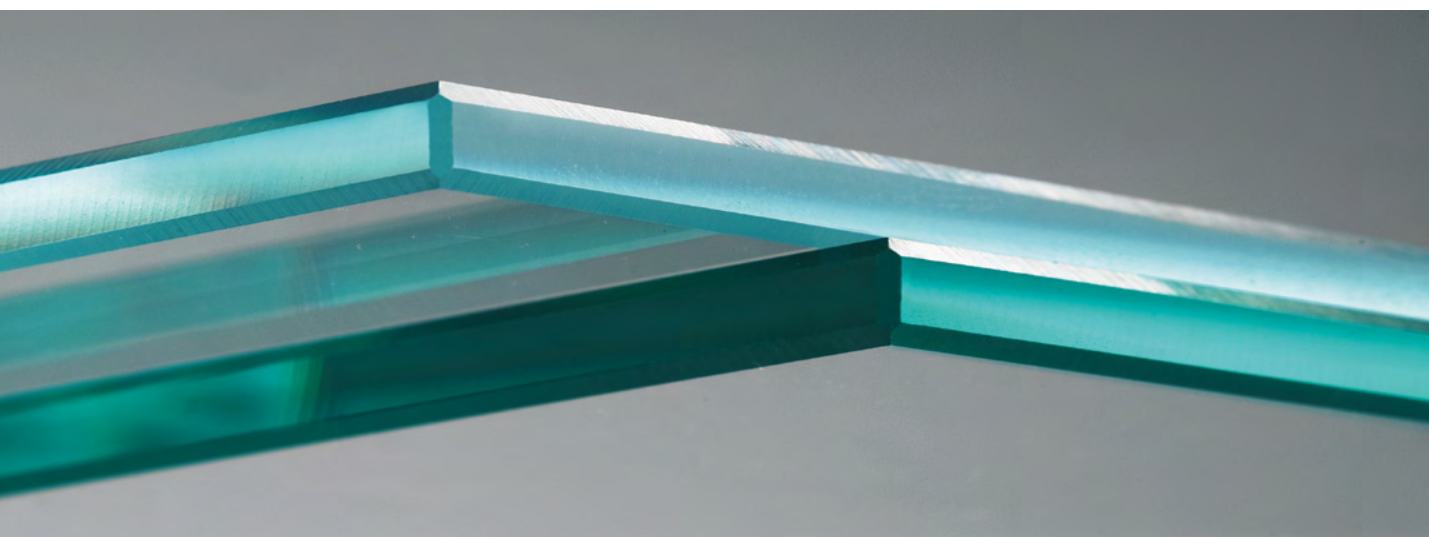
**Greenhouses – more energy means more growth**

- Botanical gardens, greenhouses.



Facade structure with EUROWHITE® NG





extra-white glass

### Technical data:

Thickness [mm]	2	3	4	5	6	8	10	12
Light transmittance $T_v$ [%]	92	91	91	91	91	91	91	89
Light reflection exterior $p_v$ [%]	8	8	8	8	8	8	8	8
Direct radiation transmittance $T_e$ [%]	91	91	91	90	90	90	89	88
Direct radiation reflectance $p_e$ [%]	8	8	8	8	8	8	8	8
Direct radiation absorptance [%]	1	1	1	2	2	2	3	4
UV transmittance $T_{uv}$ [%]	87	86	85	83	82	80	78	76
Total energy transmittance g-value [%]	91	91	91	91	91	90	90	89

The values specified are calculated in accordance with the European standards EN 410:2011 and EN 673:2011 and are based on test data. Production tolerances in accordance with applicable EN standards may give rise to slight discrepancies in the effective values. National standards or supplements (e.g. for the heat transfer coefficient  $U_g$ ) are not taken into consideration..



EUROWHITE®NG the brick for sophisticated design