



PRESSGLASS

LEADING IN EUROPE

GLAZED UNITS AND SOLAR CONTROL GLASS

BASIC PRODUCTS

www.pressglass.com

We are an independent company and therefore, we offer products from all of the greatest suppliers: AGC Glass, Euroglas, Fenzi, Guardian, IGK Isolierglasklebstoffe, Kömmerling, Pilkington,

Rolltech, Saint-Gobain Glass, Technoform. We provide independent technical advice regarding the choice of components in our finished products. The solution we advocate will depend on the product

performance requirements, its place of use, the assumed processing methods and the required delivery period.

Our suppliers:



GLAZED UNITS

A glazed unit consists of at least two panes of glass which create an internal cavity filled with air or other gas, separated and sealed around the perimeter using a multi-step combination process by means of a spacer bar, sealing compounds and water vapour adsorbents (desiccants).

Cavities can be used for installation of decorative dividers. Characteristics of glazed unit can be freely modified by using suitable types of components and coats as well as suitable number and width of cavities between glass panes.

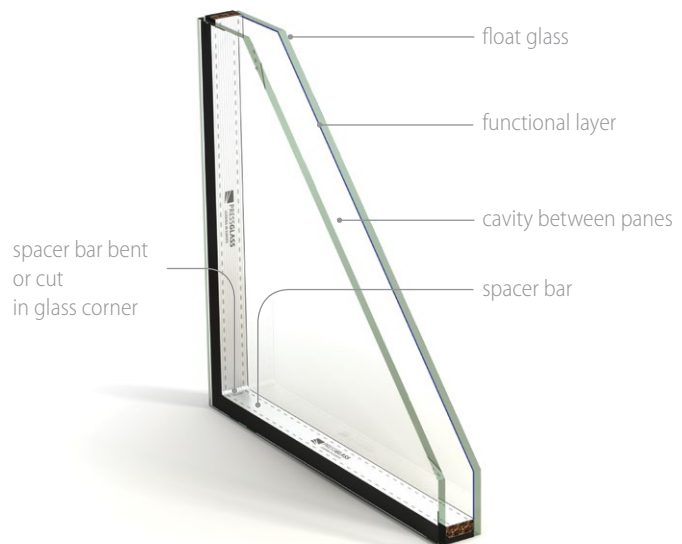
Glazed units types:

- low emission
- acoustic
- solar control
- fire resistant
- safety and security
- bullet-proof
- decorative

At PRESS GLASS, we manufacture insulating glass units with maximum dimension 3200 mm x 7000 mm.

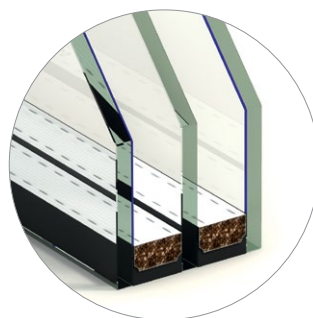
The smallest glazed units are available in dimension 180 mm x 350 mm.

Glazed units structure



Triple glass

Double glass



moisture inhibitor – molecular sieve

internal insulation with sealant – Butyl

external sealant – Tiokol or silicon

SINGLE GLASS

Among all the types of glass offered there is also a need in various branches for single glazed glass. It is a product which is less processed than double glazed glass. PRESS GLASS offers single glazed glass that is cut to the required dimensions on the base monolithic glass of the following types: float glass, low-iron or tinted glass, reflective and hard-coated, while also chemically treated and laminated glazing units. Single glazed glass are offered without additional machining of edges.

LOW EMISSION GLAZED UNITS

| Structure [mm] T-thermofloat, Ar-argon, Kr-krypton | LT [%] | LR [%] | g [%] | U _g EN673 [W/m ² K] |
|---|--------|--------|-------|---|
| 4T 1,0/12Kr/4/12Kr/4T 1,0 | 58-73 | 18-32 | 37-50 | 0,4 |
| 4T 1,0/10Kr/4/10Kr/4T 1,0 | | | | 0,5 |
| 4T 1,0/16Ar/4/16Ar/4T 1,0 | | | | 0,5 |
| 4T 1,0/12Ar/4/14Ar/4T 1,0 | | | | 0,6 |
| 4T 1,0/10Ar/4/12Ar/4T 1,0 | | | | 0,7 |
| 4T 1,1/12Kr/4/12Kr/4T 1,1 | 73-75 | 14-17 | 52-55 | 0,5 |
| 4T 1,1/18Ar/4/18Ar/4T 1,1 | | | | 0,5 |
| 4T 1,1/10Kr/4/10Kr/4T 1,1 | | | | 0,6 |
| 4T 1,1/16Ar/4/16Ar/4T 1,1 | | | | 0,6 |
| 4T 1,1/14Ar/4/14Ar/4T 1,1 | | | | 0,6 |
| 4T 1,1/12Ar/4/12Ar/4T 1,1 | | | | 0,7 |
| 4T 1,1/10Ar/4/10Ar/4T 1,1 | | | | 0,8 |
| 4/16Ar/4T 1,0 | 71-81 | 14-22 | 50-61 | 1,0 |
| 4/10-15Kr/4T 1,0 | | | | 1,0 |
| 4/10Kr/4T 1,1 | 81-82 | 12-13 | 63-66 | 1,0 |
| 4/15-20Ar/4T 1,1 | | | | 1,1 |



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GLAZED UNITS WITH WARM EDGE

Ψ for common glass unit
U_g=0,7 4T 1,1/12 Ar/4/ 12 Ar/4T 1,1
based on Ift-Guideline WA-17/1



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| Spacer bar type | Ψ | | |
|------------------|--------------|-------|-------|
| | Window frame | | |
| | Aluminium | PVC | Wood |
| Chromatech | 0,066 | 0,050 | 0,054 |
| Termo - TGI | 0,044 | 0,038 | 0,039 |
| Chromatech ultra | 0,043 | 0,037 | 0,038 |
| MULTITECH | 0,030 | 0,030 | 0,028 |

SELECTED SOLAR CONTROL GLASS

| Tradename of product with solar control layer | U _g Argon [W/m ² K] | LT [%] | g [%] |
|---|---|--------|-------|
| SELECTIVE 70 | | | |
| Silverstar Combi Neutral 70/40 | 1,1 | 72 | 42 |
| Silverstar Combi Neutral 70/35 | 1,0 | 70 | 37 |
| SunGuard SN 70/41 | 1,1 | 69 | 41 |
| SunGuard HS SN 70/37 | 1,0 | 69 | 37 |
| SunGuard SN 70/35 | 1,0 | 69 | 35 |
| SunGuard SN 70/37 | 1,0 | 69 | 38 |
| Cool-Lite SKN 176 | 1,0 | 70 | 37 |
| SELECTIVE 60 | | | |
| Silverstar Combi Neutral 61/32 | 1,0 | 61 | 34 |
| SunGuard SN 63 | 1,0 | 63 | 33 |
| SunGuard HS SNX 60/28 | 1,0 | 59 | 28 |
| Cool-Lite SKN 165 | 1,0 | 61 | 34 |



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| Tradename of product with solar control layer | U _g Argon [W/m ² K] | LT [%] | g [%] |
|---|---|--------|-------|
| SELECTIVE 50 | | | |
| SunGuard SN 51 | 1,0 | 51 | 27 |
| Cool-Lite SKN 154 | 1,0 | 52 | 28 |
| SELECTIVE 40 | | | |
| SunGuard HS SN 40/23 | 1,0 | 39 | 23 |
| Stopray Silver 43/25 | 1,0 | 43 | 27 |
| Suncool 40/22 | 1,1 | 39 | 23 |

Calculations for the structure: 6 – 16 Ar – 4

All offered trademarks: Antisol, Cool-Lite, Combi Neutral, Stopray, Stopsol, Suncool, Sunergy, Sunguard, Sunstop



We constantly modify our manufacturing processes and change habits to limit the negative effect on the environment. In order to facilitate the changes, we have adopted ISO 14001, the worldwide management system for environmental protection.

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Our plants and products are audited or certified by acknowledged certification bodies, including:

BCCA, BSI, CQC, ICIMB, IFT, IGMA, KIWA, RISE, UKAS and WarringtonFire.

We make every effort to ensure that presented publication contained current information as of the date of print.

Due to the continuous development of our product range may differ from market to market. Product's availability should always be confirmed with Sales Department.

