

## Factors to consider before choosing a glass unit:

- ✓ The weather conditions in the area where the building is located
- ✓ The purpose of the building (residential building, office, hotel, etc.)
- ✓ The geographical location of the building
- ✓ Your ability to make an initial investment and your position on future heating and cooling costs.

## What we offer:

- ✓ Double (single-chamber) glazing
- ✓ Triple (double-chamber) glazing

## Triple glazing benefits:

- ✓ Heat loss reduction
- ✓ Improved energy efficiency of the glazing unit
- ✓ Good soundproofing

*Depending on your individual requirements double and triple glazing can be made with different types of glass!*

Factors to Consider When Choosing IGU:



## Thermal characteristics:

- ✓ Ug (W/m<sup>2</sup>K) - describes the heat transfer through a square metre for one hour at a difference of one degree between the external and internal room temperature. The lower the Ug value, the better the thermal insulation provided.
- ✓ EA - the percentage of energy absorbed by the glass pane.
- ✓ ER - the percentage of energy reflected by the glass pane.
- ✓ SF - solar factor, shows in percentage the amount of heat entering through the glass in the room.

## Noise insulation:

- ✓ Rw - Weighted Sound Reduction Index, measured in decibels (dB). The higher its value, the better the sound insulation.

## Light characteristics:

- ✓ LT - the percentage of light that is transmitted
- ✓ LR - the percentage of the light that gets reflected
- ✓ UVT - the percentage of transmitted ultra-violet radiation