

## Technical Note

### Em-Glaze – Standard Double Glazed Units (DGU)

#### General product description:

The Em-Glaze Standard DGU consist of clear glass, Low E coating, warm edge spacer and Argon filled cavity.

The Em-Glaze DGU has the **CE** label according to EN.

#### Specific characteristics:

Mechanical characteristics	Impact resistance: No damage on shocks similar to an impact of steel ball of 250 gr falling from a height of 1 m. (hard body impact test according to NBN EN 13964.2007) SB 1200 (soft body impact test according to NBN EN 13964.2007)
Dimensions	Sheet dimensions : list of dimensions on request Outer Toughened 6mm, Cavity 18mm Argon 90%, Inner Laminate 7.1mm Nominal Thickness 31.1mm
Density	31.2 kg/m <sup>2</sup>

#### Technical Data:

DGU		
Ug-value	W/m <sup>2</sup> K	1.10
Sound insulation	dB	34
Light transmission	LT	78%
Solar heat gain factor	g-value	60%

The reflection of the visible light can be calculated as 100 -LT (%)

The reflection of the total solar energy can be calculated as 100 -g (%)

U values according to the test method EN ISO 12567-2

#### Attestations and certificates:

- CE according to EN 1873
- U-values according to EN EN6946 (single and double walled)  
EN 12567-2 (triple walled)
- Light transmission according to EN ISO 13468
- dB values according to EN ISO 140-3 (report P902622-B)
- 1200 Joule certificate Cebtp D313.9.823.1/2 and SB 1200 (NBN EN 13964 : 2007)

Fire report polycarbonate

B, s<sub>1</sub>,d<sub>0</sub>

M2

Class 1Y (BS 476)