



## **Technical Data Sheet** **(CS-FG-ART)**

**ARALUX Float glass** is soda-lime glass made by floating molten glass in a bath of molten tin. This method gives the sheet uniform thickness and very flat, smooth surfaces. It is usually color neutral and highly transparent.

**Applications:** Furniture, windows, doors, safety glazing, shelves, home design, double glazing, lamination

**Packaging:** Wooden case, open glass packing

### **CL-EN-GC-W2**

#### **Product information:**

|                     |                     |
|---------------------|---------------------|
| Thickness           | Clear Float 5.5 mm  |
| Thickness tolerance | +/-0.2              |
| Size                | 3300x2250           |
| Glass type          | Architectural (ART) |
| Glass Standard      | EN                  |
| Appearance          | Clear               |

#### **Optical and Thermal Properties:**

| Light Transmission (%) | Light Reflectance(%) | Solar Direct Transmittance (%) | Solar Reflectance (%) | U-value (w/m2 k) | Dimensional Tolerance(mm) | Optical Quality degree |
|------------------------|----------------------|--------------------------------|-----------------------|------------------|---------------------------|------------------------|
| 89- 91                 | 7.5 - 9              | 86 – 88.9                      | 6 – 8.5               | 5 - 8            | +/-2.0                    | >50                    |

#### **Physical properties:**

| Parameters            | Standard       |
|-----------------------|----------------|
| Density ( g/cm3)      | 2.4990 - 2.500 |
| Hardness (Mohs scale) | 5.8 – 6.5      |
| Young Modulus ( GPa)  | 69 - 70        |



The products in this publication are sold subject to UFG standard terms and conditions of sale and any applicable written warranties will be provided by UFG representative if requested. It is the responsibility of the purchaser to confirm that the products are suitable for their intended application in compliance with the applicable laws and regulations. The performance values shown are nominal and subject to variations due to manufacturing tolerances. A slight shift in visible light reflectance or transmission may be noticed after heat- treatment. Please contact UFG representative to obtain any applicable handling or safety guides and for the most current product information.