



**Arabian United Float Glass Co.**  
الشركة العربية المتحدة للزجاج المسطح

ARALUX ® CLEAR

## 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, doors, safety glazing, shelves, home design, shower cabinets, facades

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

**CL-JIS-GC-W2**

### Product information:

|                     |                     |
|---------------------|---------------------|
| Thickness           | Clear Float 12 mm   |
| Thickness tolerance | +/-0.8              |
| Size                | 3210x2250           |
| Glass type          | Architectural (ART) |
| Glass Standard      | JIS                 |
| 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            | +/-3.0                    | >50                    |

### Physical properties:

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



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