



LUXAR[®]

anti reflective coated glass



- photopic reflection < 0,5%
- sputtered hard coat
- neutral colour
- best environmental resistance

GAS
GAS
POLYMER

LUXAR[®]

Anti reflective coated glass



LUXAR show-case in comparison with a floatglass one

Sizes:

2 mm 1900 x 1350 mm
3 – 12 mm 3005 x 1900 mm

Options:

LUXAR AR coated one side
LUXAR AR coated both sides
LUXAR C conductive > 400 Ohm

Specification (photopic):

LUXAR double side R < 0.5%
LUXAR one side R < 5,0%
Reflection Colour 0° angle – neutral (blue)

Substrates:

floatglass, low iron white glass, conductive glass and grey glass in various thicknesses

Surface Quality:

according to EuropTec Surface Specification Classes

LUXAR meets the following standards:

Abrasion	ISO 9211-4
Adhesion	ISO 9211-4
Humidity	ISO 9022-2
Temperature	ISO 9022-4
Solvent stability	ISO 9211-4

Warranty: 5 years

Packaging / Processing

- Processed, printed, laminated in all dimensions
- L-Rack or A-Rack
- Picture Frame (wood)

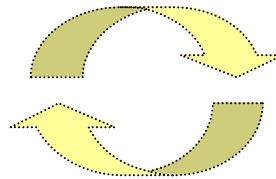
Quantity and weight of lots see separate list „packaging units“



LUXAR[®] C

Conductive anti reflective coated glass

Conductivity < 400 Ohm / sq.
Resistance uniformity > 90%



R < 5,0% (one side coated)
R < 0,5% (two sides coated)
(photopic reflection)



Typical Applications

- TFT, STN and other Displays
- Photocopiers
- Document Scanners
- Personal Assistants (PDA)
- Audio/Visual Equipment

LUXAR[®] C antireflective coated glass provides a superior solution for unwanted reflections and glare from glass surfaces, static discharge and electrical fields (ELF/VLF). The antireflective coating also increases the transmission of displays, enhances contrast making it easier to read, while the high conductivity allows for ELF/VLF field suppression, making it TCO compliant. LUXAR[®] C is a durable coating. It maximizes resolution by providing sharp, crisp displayed images.

Humidity (ISO 9211-3):

The coating shall show no deterioration after exposure to a 24 hour humidity test of 58° C at 95% relative humidity.

Abrasion Resistance (ISO 9211-3-1-02):

The coating shall show no damage after a 200 rub test with a cheesecloth pad under the load of 500 g

Corrosion Resistance (ISO 9211-3-9):

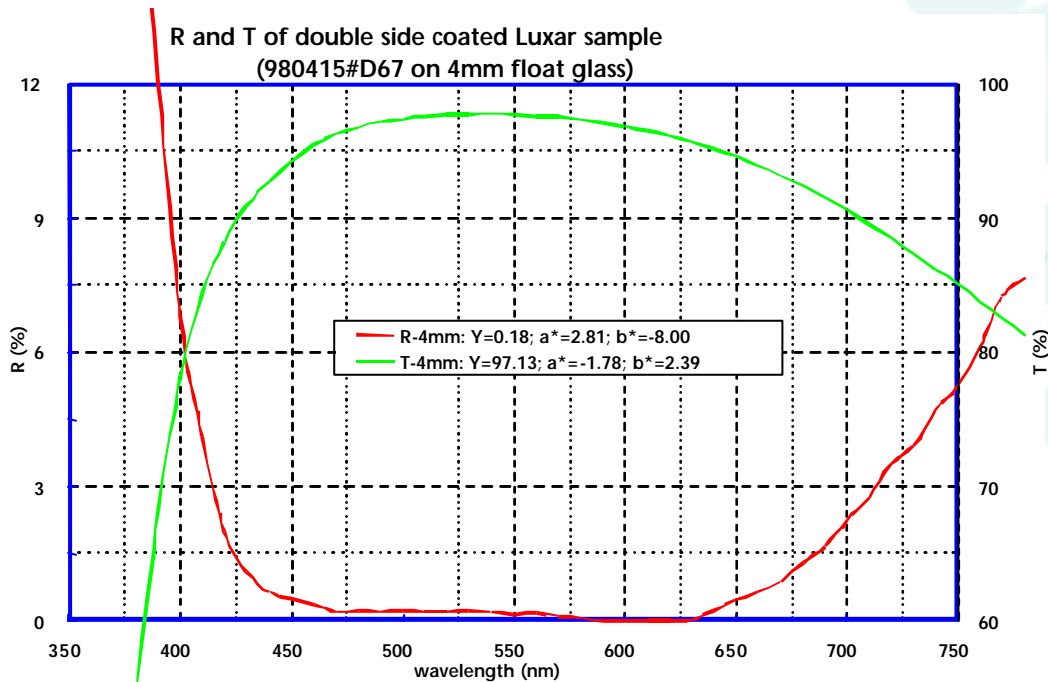
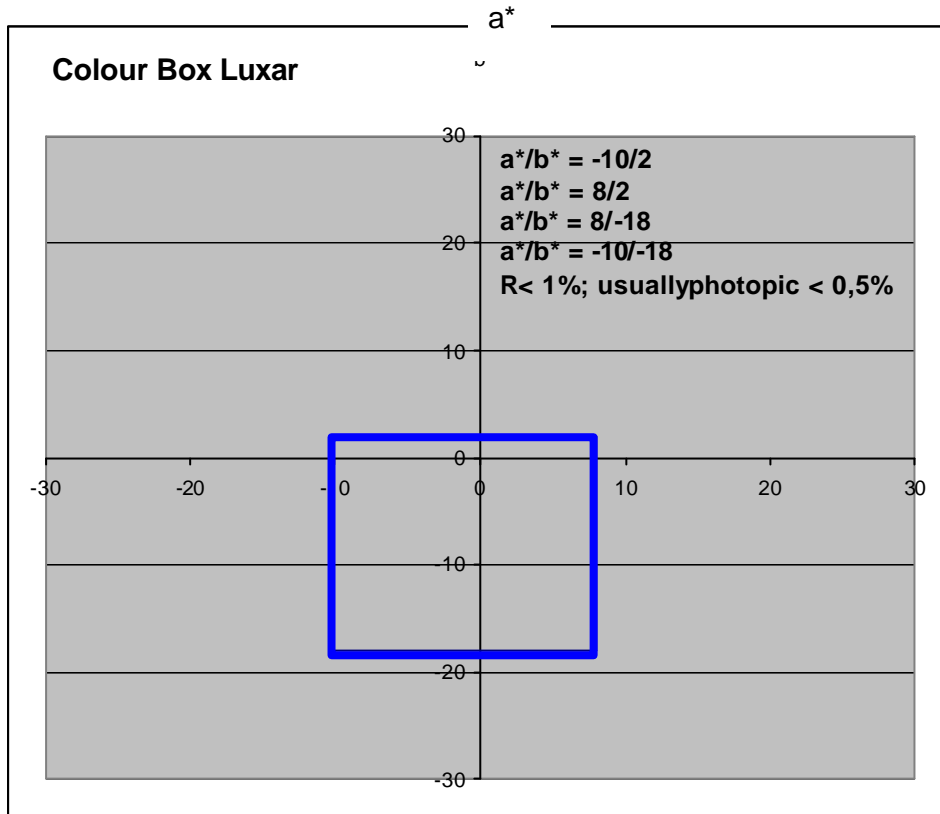
The coating shall show no deterioration after exposure to a 24 hour salt fog test (5% by NaCl) at 35° C

Coating Adhesion (ISO 9211-3-2-03):

The coating shall show no damage after snap removal of firmly placed tape of size 25 x 12 mm



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