

LUXAR[®] anti reflective coated glass



LUXAR show-case in comparison with a floatglass one

Sizes:

1.1 - 2 mm 1900 x 1350 mm
3.0 - 12 mm 3005 x 1900 mm

Options:

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

Specification:

LUXAR double side R < 0.5%
LUXAR one side R < 5,0%
Reflection Colour at 90° angle:
blueish - neutral

Substrates:

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

Surface Quality:

according to EuropTec Surface
Specification Classes A - D

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“

EuropTec | Glass and Polymer Technologies | www.EuropTec.com

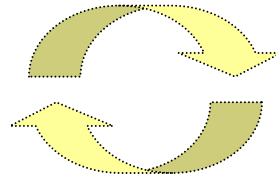
LUXAR[®] C

conductive ar-coated glass

Conductivity ~ 400 Ohm / sq.
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 conductive glass provides a superior solution for unwanted reflections and glare from glass surfaces, static discharge and electrical fields. The antireflective coating also increases the transmission of displays, enhances contrast making it easier to read, while the high conductivity allows for EMI 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):

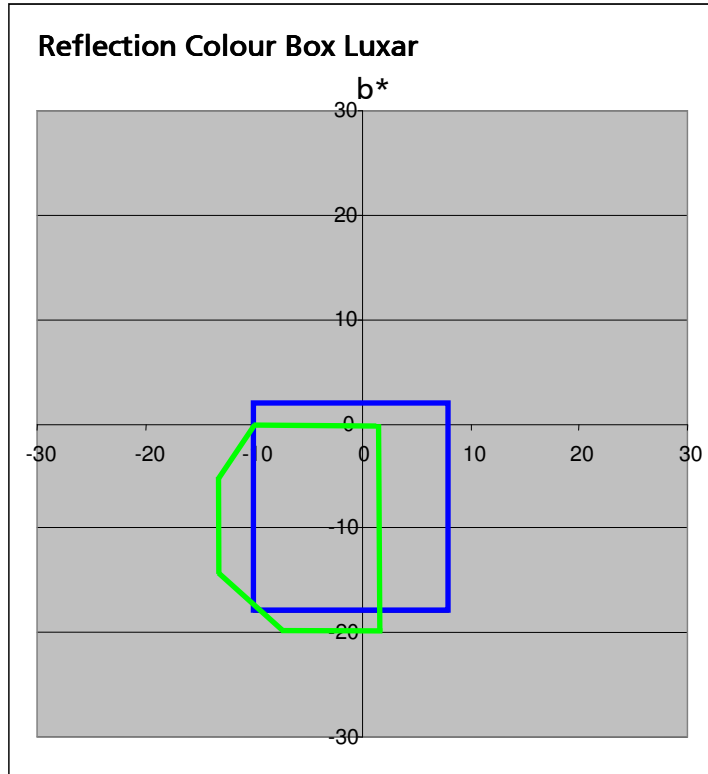
The coating shall show no damage after a 200 rub test with a cheesecloth pad under the load of 500 g

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



Luxar standard (a*/b*)

-10/2
-10/-18
8/2
8/-18

Luxar Automotive (a*/b*)

1.5/0.0
1.5/-20
-7.0/-20.0
-13.5/-15.0
-13.5/-5.0
-10.0/0.0

R < 1%; photopic < 0,5%

