

## TECHNICAL LEAFLET



Useful information on

# Function of LUXAR®

LUXAR® is a glass with an optical interference coating that minimises reflections. With reflection of less than 0.5%, you can put an end to disruptive reflections with magnetron-coated LUXAR®. The anti-reflective effect is ideal for a direct top-down view of the glass. However, if the viewing angle changes, the strength of the reflection also gradually changes. The anti-reflective effect (the “invisibility”) of the glass is retained up to a viewing angle of approx. 45°. The minimal reflection of the coating (at >45°) produces a pleasant blue to blue-violet colour. However, the strength of the reflection remains significantly below the reflection of normal glass, i.e. there is also an improvement in reflection in this respect.

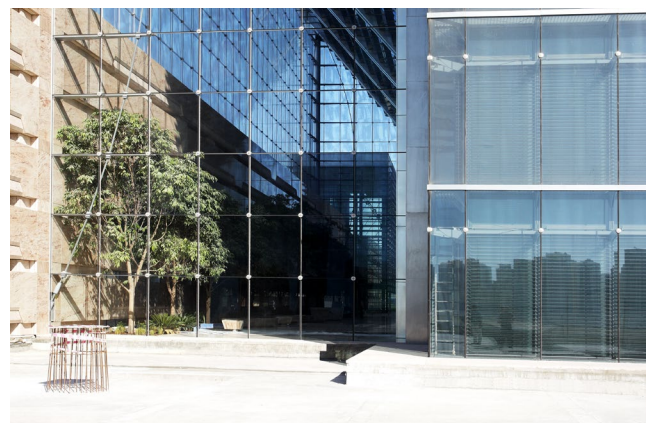
### At a glance

- Anti-reflective, magnetron-coated glass
- No disruptive reflections or light reflections
- Minimal reflection values
- Light transmission increased by more than 10% with ISO
- No colour distortions when looking through the glass
- Available as float clear, extra-white, coloured glass
- Float/single glass with coating on both sides: reflection 0.5%
- Insulating glass: reflection 1% (all sides anti-reflective)
- The coating is hard and durable
- Processed into single-pane safety glass, laminated safety glass, curved glass
- Also available with screen printing

- Insulating glass with SILVERSTAR ENPlus neutral heat protection layer, reflection 2%
- Layer system: hard, magnetron-based multi-layer coating – acts like a hard coating

### Cleaning

For cleaning, we recommend soft, clean cotton cloths or chamois leather, for example. Aqueous, neutral and slightly alkaline glass cleaners without the addition of abrasive substances (permissible proportions of ammonia <5% and organic solvents that can be mixed with water <5%) such as Flux or Ajax. Under no circumstances must the coated glass surface be scraped off with razor blades or cleaned with abrasive polishing agents (please observe the processing guidelines, available from [www.luxar.ch](http://www.luxar.ch)).



Financial center, Abu Dhabi