



CASE STUDY

BANK OF BRAZIL

RESTORING COMFORT

Location : Rio de Janeiro, Brazil

Sector : Commercial/Banking

Product Featured : Global R Silver 20:
Solar Control Window Film





CHALLENGE

From Outdated Protection to a Modern, High-Performance Retrofit

Designed with a glass sky roof and large glass facades that once offered both form and function. However, the decades-old interior silver film had degraded, leaving the building exposed and inefficient.



SOLUTION

Certified Performance. Seamless Execution. Guaranteed Longevity.

The team chose a solution that delivered technical superiority, aesthetics, and long-term value:



RESULTS AND BENEFITS



Excessive solar heat gain across glass surfaces created uncomfortable working conditions for staff



Selected **Global R Silver 20**-a high-performance solar control film with a **10-year warranty** and **NFRC-certified ratings**



Thermal Control Restored- Significant drop in indoor temperature, even during peak summer hours



Glare Reduction Achieved- Enhanced visual comfort for office staff- improving focus and satisfaction



High HVAC energy consumption due to increased load and poor insulation



7,200 sqm of film was produced in two custom widths (72" and 60") optimizing material usage



Energy Consumption Reduced -Lower HVAC strain and electricity use due to superior heat rejection



Widespread glare and faded film performance caused visual discomfort and complaints



Installation was handled by manufacturer-certified professionals- **removing old film in 3 and installing new in 2 months only**



Flawless Execution- Old film removed + new film installed across 7,200 sqm with **no operational downtime**



Season-ready Completion- Project delivered **before summer**, improving working conditions just in time