



## CASE STUDY

# **BENGALURU AIRPORT**

### NATURAL LIGHT WITHOUT HEAT

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Location : Bengaluru, India

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Sector : Airport

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Product Featured : SHR Natural 70 –  
IR Rejection Film



## CHALLENGE

### When Millions Pass Through, Safety Can't Be Left to Chance

One of the busiest and most awarded aviation hubs globally, prioritizes not just passenger experience but also operational safety at every touchpoint. Several critical challenges emerged.



## SOLUTION

### Optically Clear Protection, Engineered for Global Security Standards

A robust polyester-based solution crafted for critical infrastructure



## RESULTS AND BENEFITS



**Risk of glass breakage** in high-footfall and restricted zones posed both a safety hazard and a security concern



**Offers high impact resistance** - Absorbing shock and preventing dangerous glass fragmentation, applied across glass partitions and check-in zones



**Enhanced Passenger & Staff Safety** - Prevents flying shards in case of accidental impact



**Impact Containment** - Maintains glass structure under duress, ensuring operational continuity



In the event of accidental impact or threat, **splintered glass could cause injuries or disrupt operations**



Maintains **full optical** clarity - No haze, distortion, or tint, even under terminal lighting conditions



**Zero Aesthetic Disruption** - Invisible finish preserves design intent



The film solution needed to be **completely invisible** to maintain the airport's open, luxurious design



**Designed to hold shattered glass in place** on impact, reducing the risk of injury or breach to boost security



**Retrofitted Without Downtime** - Applied in operational environment without closures



**Compliance Ready** - Meets global safety norms to make passengers feel safer