



CASE STUDY **MOHALI MALL**

VISIBLE COMFORT, INVISIBLE FILM

Location : Mohali, India

Sector : Commercial/Retail

Product Featured : SHR Natural 70 – IR Rejection



CHALLENGE

Balancing Aesthetics with Thermal Comfort

Mohali Mall was designed to bring in light, life, and energy - with massive skylights and floor-to-ceiling glass that created an open, luxurious shopping experience. But with that design came a challenge.



SOLUTION

Implementing SHR Natural 70 for Subtle Yet Effective Heat Rejection

High-performance film designed to reduce infrared heat



RESULTS AND BENEFITS



Increased solar heat gain leading to warmer interior spaces, especially during peak summer months



High infrared rejection to mitigate solar heat gain, enhancing indoor comfort and **maintaining mall's original aesthetics**



Improved Thermal Comfort—Noticeable reduction in indoor temperatures



Energy Efficiency—Decreased reliance on Acs, leading to massive energy savings



Elevated energy consumption as HVAC systems worked harder to maintain comfortable temperatures



Approximately **70% visible light transmission**, ensuring spaces remain bright and welcoming



Maintained Aesthetics—Clear, non-reflective film preserved the mall's architectural design



Enhanced Shopping Environment—Longer shopper dwell time due to higher comfort



Potential discomfort for shoppers and staff, potentially impacting the overall shopping experience



Non-intrusive installation, allowing the mall to operate without disruptions during the retrofit process



Seamless Implementation—With out disturbing any of the mall operations