



Solar Control Window Film: Reference Case

## Solar Gard® combats heat at The VR Mall, Chennai

“The solar heat pouring in through the skylight caused issues in the VR Mall in Chennai as well as in Nagpur, India. Solar Gard® Sentinel Plus SX 50 created cooler indoor temperatures yet keeping the natural light and the view through the glass.”

Ajay Singh, Saint-Gobain | National Sales Manager - Saint-Gobain Performance Film Solutions, India

### PROJECT INFORMATION

#### Building & Location:

VR Mall Chennai and  
VR Mall Nagpur, India

#### Problems:

Excessive heat coming in  
through the skylight glass

#### Solutions:

Solar Gard® Sentinel Plus SX 50  
VR Mall Chennai (800 m<sup>2</sup>)  
VR Mall Nagpur (500 m<sup>2</sup>)

#### Partner:

Saint-Gobain India  
solargard.com/in

#### Year of installation:

2023

The impressive skylight glass at the VR Mall in Chennai and the VR Mall in Nagpur let a lot of natural light in but this also allowed the solar heat causing excessive indoor temperatures in the hotel area, the shopping centre, venues and in the working spaces.

The solution proposed by Saint-Gobain India was the discrete yet highly effective solar heat rejection window film **Solar Gard® Sentinel Plus SX 50**, a film optically clear for the human eye. With a solar heat

rejection of 62%\*, a glare reduction of 82% and an infrared reduction of 78% this EPD verified film solution was the clear choice for this Indian Green Building Council award winning building complex.

“With Sentinel Plus SX 50 installed retrofit on the skylight glass we achieved cooler indoor temperatures and the use of air condition and cooling load was significantly reduced, saving both energy consumption and cooling costs for the staff, visitors and customers.” says Ajay Singh.

[www.solargard.com](http://www.solargard.com)

Saint-Gobain Solar Gard  
European Regional Headquarters  
Karreweg 18, 9870 Zulte, Belgium  
E: [solargard.eu@saint-gobain.com](mailto:solargard.eu@saint-gobain.com)  
T: +32 9 240 95 66

PDFRefSolarSGIndiaSPSX50 05/24  
© 2024, Saint-Gobain Performance Plastics  
All Rights Reserved.

♻️ Please recycle

\*Double glass

