

Glass Floor Protection Skyrail Rainforest Cableway, Cairns



Installation Summary

Problem:

Cable cars taking passengers over the scenic mountain of Cairns have been fitted with glass floors

Glass floors of gondolas need protecting from scratching

Clarity of the glass is imperative, maximising passenger enjoyment

Solution:

Solar Gard® Armorcoat® 7 Mil Clear

Amount of film:

One square metre per gondola

Benefits:

Armorcoat 7 Mil Clear allows Skyrail to offer cable car rides without restricting passenger footwear; the safety glass is protected from scratching whilst offering occupants clear visibility to enjoy the views below

“The costly two inch thick specialty safety glass needs to be preserved and Armorcoat Safety Film has provided the most cost-effective solution”. John Turbit, Technical Manager, Skyrail Rainforest Cableway

Skyrail Rainforest Cableway can be seen gliding above Cairns' rainforests daily. Tourists discover the charm and secrets of the dramatic tropical landscape in a safe and environmentally friendly way.

Skyrail Technical Manager, John Turbit is responsible for maintaining the gondolas that give passengers an unforgettable journey and is constantly seeking to enhance their viewing experience. With this in mind, a two inch thick glass floor has been built into the cars.

Whilst providing an excellent solution to the issue of expanding viewing capacity,

it also presented a challenge: how could Skyrail prevent scratching from spoiling the expensive glass? Investigation showed that most other organisations using glass viewing floors request that patrons wear protective covers or remove their footwear but as there are several stations along the way for Skyrail passengers to explore, this was not a practical solution.

John consulted with Roland Graf's Auto Centre and together they experimented with various possible sacrificial glass coatings that would survive the high volume tread of visitors' boots.

After extensive trials Skyrail concluded that Solar Gard® Armorcoat® 7 Mil Clear safety film offered months of protection before visual clarity was compromised which was a favourable discovery. With minimal down time and for little outlay, the film is replaced, leaving the expensive glass undamaged.

“The costly two inch thick specialty safety glass needs to be preserved and Armorcoat Safety Film has provided a most cost-effective solution. The 7 Mil clear film is quickly and easily replaced meaning that business is not unduly interrupted” John states. “We are currently investing

in glass floors for another 10 gondolas and will again use Armorcoat 7 Mil Clear film for protection, allowing more visitors to enjoy the best possible rainforest experience.”

Why use Solar Gard?

Roland Graf of Roland Graf's Auto Centre in Cairns says “No other film performs better, lasts longer and is easier to work with than Solar Gard; and determining that Armorcoat 7 Mil Safety Film was the best gondola solution, assists Skyrail in upholding their claim to offer the world's most beautiful rainforest experience.”