



Background:

Lionel Motors Nissan in Rustenberg, is South Africa's largest vehicle dealership, serving the Rustenburg community and nearby areas since 1942.

Smartlouvre was contacted by Super Group Dealerships to prove, with a practical demonstration, Microlouvre Koolshade®'s performance claims and test results from top German and American laboratories

Challenges

- Unbearably high solar heat gain temperatures
- Excessive air conditioning energy costs
- Hot and cold air conditioning zones
- Customer hostile environment to promote sales
- Zero heat transmission essential

The Problem:

The Dealership office and showroom temperatures were unbearable due to massive heat gain through the large showroom windows, essential to showcase the cars.

This was not a customer friendly environment. Typical solutions of internal blinds and solar control films had been tried and failed and only succeeded in blocking vision and distorting the natural daylight.

Smartlouvre's Peter Murray was contacted by Super Group Dealerships to prove, with a practical demonstration,

Microlouvre Koolshade®'s performance claims and test results from top German and American laboratories. This practical demonstration quickly proved the product's performance claims.



THE SOLUTION

Microlouvre Koolshade® screens were quickly and smoothly installed, with no internal disruption to the activities of a very busy showroom and offices.

Within 10 minutes, internal temperatures dropped by 10°C and the once too hot to touch glass was cool to the touch. You could certainly feel the difference when touching the glass on the inside before and after the screens were fitted.

Staff and customers were delighted to be cool and comfortable, with a balanced air conditioning system now possible enabling workstations to be placed close to windows that had previously been unusable and unbearable hot spots.

Uninterrupted visual contact with the outside enables sales staff to see visiting customers and natural daylight created the ideal working environment.



RESULTS

- Massively reduced internal temperatures
- Thermal and visual comfort
- Natural daylight with high visual contact on the outside
- Reduction in air conditioning costs
- Made from +90% recycled copper scrap
- Highly sustainable
- 100% recyclable



**LIONEL MOTORS
NISSAN**