



The SunRage Window Film line includes a complete range of functional films in a variety of light transmissions and colour tones. From high heat protection to maximum privacy; there is a suitable film solution for every application.

View the range at our authorised dealers or visit www.sunragewindowfilms.com for technical specifications and product information.

www.sunragewindowfilms.com

SUNRAGE
AUTOMOTIVE WINDOWFILM

Your dealer:

DESIGNED BY



OMEGA SKINZ

A yellow bus is driving on a winding asphalt road that curves through a mountainous landscape. The road has white lane markings and a metal guardrail on the left. The surrounding area is covered in dense green pine trees, and a rocky mountain peak is visible in the background under a clear blue sky. The bus is a modern, long-distance model with a large windshield and side mirrors.

Comfort for passengers start with
peace of mind for the driver.

Prevent glare and bright light.

SUNRAGE
— AUTOMOTIVE WINDOWFILM —



Without seeing it,
the passenger feels
the difference

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A bus is a workplace. A cockpit for hours of driving.
And a driving window for passengers.

But every ride starts with sunshine and a view outside.

Bright incoming light, glare or the hot sun not only affects outward vision; it also saps concentration. Eyes get tired, the head gets full and irritation and tension increase.

Add to that the fact that a bus driver also has to deal with planning, curves, crowds and dozens of people behind him. So it's clear why relaxing in plain sight is so important. The calmer the inward light, the better the head. And therefore the safer the drive.

More overview =
less fatigue

Every kilometre counts, especially when there are lives on board. SunRage window films ensure that the driver can stay relaxed looking out, is less likely to get tired and has a better overview of complex traffic situations. This not only results in greater safety, but also smoother journeys and less stress; for everyone on the bus.

Our mission: to bring peace of mind

Every bus driver knows; the sun is not your friend when it pops in your face at the wrong time.

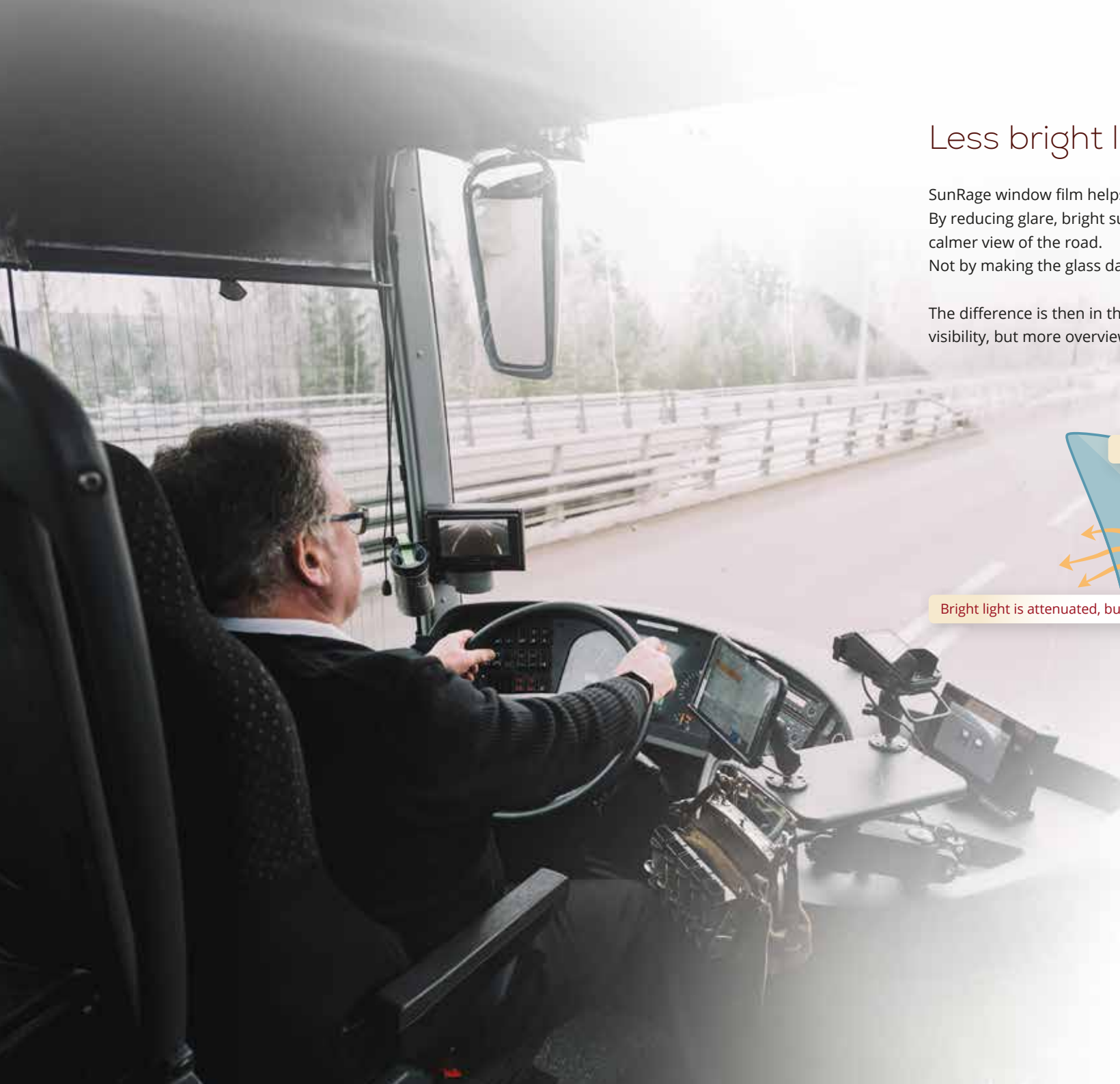
Especially at low setting, wet asphalt or traffic at dusk, glare causes vision disruption and a restless ride. Headlights of oncoming traffic and reflection of traffic signs also make driving on the road more tiring than it already is.

What was supposed to be a gentle ride soon turns into continuous correction, peering, pinching the eyes and fatigue. And this is reflected in how the bus drives and how the driver feels.



Incoming sunlight and glare is not an option.



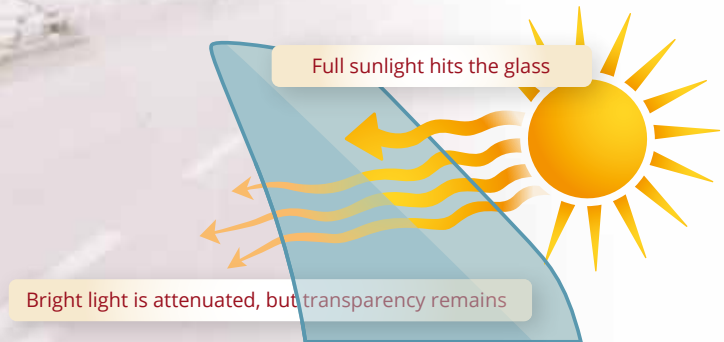


Less bright light, more focus

SunRage window film helps to bring that tranquility back into the view. By reducing glare, bright sun rays and reflection, the driver gets a much calmer view of the road.

Not by making the glass dark, but by just reducing the bright light.

The difference is then in the eyes: less squinting, less suffering from poor visibility, but more overview.



The result? A driver who feels fresh and alert for longer, without passengers noticing... except that the bus runs more safely and smoothly.

Keeping heat out, retaining coolness

The sun not only shines into your eyes, causing irritation. It also burns straight into the cabin! Especially on long journeys through urban traffic or on motorways where there is no shade, the temperature rises quickly.

SunRage window film blocks up to as much as 43% of solar energy and 85% of infrared (IR), so the driver suffers less from languidness, irritation or overheating.

The climate in the cockpit remains more stable, the air conditioning does not have to work as hard and energy consumption drops.

On hot days, that difference is huge.



UV protection that does work

Sunlight contains more than just heat: it is full of harmful radiation. UVA and UVB not only cause skin ageing and fatigue, but also affect the interior. Seats, dashboard, upholstery, everything fades and wears out faster than it should.

SunRage blocks 99% of this UV radiation, protecting the driver, passengers and the vehicle itself. You will only see this in the long run, but by then you will have benefited every day.



Glass clear film with maximum benefits

SunRage is not a simple glass film

SunRage's window films are made up of multiple high-performance layers that together do one job: block harmful rays and reduce distracting light, without obscuring outward vision.

The base consists of nano-ceramic particles that neutralise infrared and UV radiation to a maximum. On top is a metallised layer that softens reflections and a colour layer that provides a neutral, stylish hue. All together it forms a virtually crystal-clear film that attenuates bright light, reduces heat and calms views to the outside.



Transparent liner (capsheet)

Acrylic adhesive layer with UV absorbers

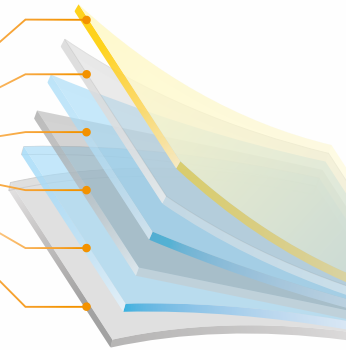
PET film with nano-ceramic particles *

PET film with hybrid pigments *

PET film coloured or mixed with other pigments *

Special hard coating

** The composition of the interlayers can vary and is optional.*



Stone chips, grit and branches: the biggest enemy of any windscreen

Extend the life of the windscreen

Every transport company knows the problem: windscreen damage.

A costly repair, with the annoying result that the bus is temporarily out of service. With buses, the risk is extra high. The large, low-slung windscreen is an ideal target for stone chips, splashing grit, branches and other mischief from the road.



SunRage DuroFilm: optimal protection on every windscreen

SunRage DuroFilm is a specially developed protective film for the outside of windscreens. The film captures scratches, bumps and impacts that would otherwise damage the glass. Thanks to its resilient properties, up to 90 per cent of all possible damage is effectively absorbed.

Please note that in some countries foil on the front is not allowed. Always check local laws.



DuroFilm is available in
3 different versions:

CRYSTAL-CLEAR – DuroFilm Clear

182 micron thick, crystal-clear protective film. Maximum transparency and subpar flexibility that neatly captures stone chips

- UV-resistance >99%
- VLT: >90%

CRYSTAL-CLEAR – DuroFilm 80

Crystal clear with a light tint and provided with nano-ceramic pigments. Blocks heat without disturbing vision.

- UV: >99%
- VLT: >80%
- IR-block: 74.8%
- Solar energy: 34%

CRYSTAL-CLEAR – DuroFilm 70

Same top quality as the DuroFilm 80, but with even more heat rejection.

- UV: >99%
- VLT: >70%
- IR-block: 94,7%
- Solar energy: 45%