



InanoFilms[®]

AUTOMOTIVE INNOVATION

INANOFILMS PRODUCTS

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FEEL THE PROTECTION. ENJOY LUXURY.



Inanofilms® is a premium brand that develops uniquely innovative Solar Window Films and high-performance Paint Protection Films produced using the latest Nanotechnology with the highest standards in the industry.

Inanofilms® are installed in many of the world's most prestigious automotive brands including supercars and luxury yachts owned by distinguished elites who desire nothing but the best.



Inanofilms® are created for architects, businesses, and homeowners who want large glass-dependent designs without compromising on comfort and energy efficiency.

Inanofilms® was founded in the UK and has production lines in the UK and Germany.

The Company Inanofilms® promotes its own products, which are registered globally under the brand name "Inanofilms®".

iCHROMIC® SERIES

iCHROMIC IS A SINGLE SILVER SPUTTERING FILM. THESE SELF-ADJUSTABLE SOLAR WINDOW FILMS ARE THE LATEST AND MOST ADVANCED WINDOW TINTS.

THE iCHROMIC SERIES ARE INTELLIGENT SUN SHADING WINDOW FILMS THAT AUTOMATICALLY ALTER ITS VISIBLE LIGHT TRANSMISSION (VLT) LEVEL DEPENDING ON THE INTENSITY OF SUNLIGHT.

THIS NEW INTELLIGENT OPTICALLY CONTROLLED THERMAL FILM FOR CARS & BUILDINGS CHANGES ITS COLOUR DEPENDING ON THE SUNLIGHT CONDITIONS FROM LIGHT TO DARK THROUGH THE LATEST NANO-TECHNOLOGY IN UNDER 30 SECONDS.

FEATURES

- Auto adjusting the light transmittance of the film according to the intensity of sunlight.
- Blocks 99.99% of harmful UV rays.
- Reduce IR (heat) build-up, up to 95%.
- Exceptional optical clarity day and night.
- No signal interference of mobile and other electronic devices.

BENEFITS

- Maximum Protection from Sunlight through the auto-tinted window film during the Day, safer and more comfortable clear view driving at Night.
- Superior Protection against harmful UV rays which is the main contributor to skin cancer and premature aging. UV rays can also cause damage, including cataracts and eyelid cancers according to Skin Cancer Foundation. UV rays also cause damage to car interiors such as leather seats, dashboard, etc.
- Thermal insulation features filter damaging solar radiation such as IR rays which reduces interior heat build-up, providing multiple benefits to occupants such as enhanced comfort, reduced glare, and a cooler internal environment.
- Heat Control Reduces the temperature inside your car resulting in faster cooling time, more Energy Saving, and Environmental Protection.
- Better signal reception for mobile phones, car radio and other electronic devices.
- Suitable for all types of cars.



iCHROMIC® - THE NEW INTELLIGENT FILM



SPECIFICATIONS	ICHROMIC® 10		ICHROMIC® 35		ICHROMIC® VIP	
	BEFORE AND AFTER CHANGING		BEFORE AND AFTER CHANGING		BEFORE AND AFTER CHANGING	
Visible light Transmission (VLT)	73%	22%	35%	20%	15%	05%
Total Solar Energy Rejection (TSER)	61%	77%	53%	67%	69%	76%
Total Solar Energy Reflection	60%	65%	23%	28%	38%	43%
Total Solar Energy Absorbing	11%	16%	39%	49%	44%	69%
Visible Light Reflection exterior	15%	19%	10%	14%	22%	26%
Infrared Red Rejection (IRR)	92%	96%	93%	95%	95%	97%
UV Blocking	99.5%	99.9%	99.5%	99.9%	99.5%	99.9%



8 LAYERS

SUN CONTROL

HEAT PROTECTION

EUROPEAN QUALITY

SPUTTERING TECHNOLOGY



INANO TRANSPARENT FILMS MAGNETRON SPUTTERING MEMBRANE SUPER FILM



FEATURES

- Ultra-optical clarity day and night.
- Blocks 99.99% of harmful UV rays.
- Reduce IR (heat) build-up to more than 96%.
- Heat insulation up to 8 years working life.
- No signal interference of mobile and other electronic devices.

BENEFITS

- Thermal insulation features filter damaging solar radiation such as rays which reduces interior heat build-up, providing multiple benefits to occupants such as enhanced comfort, reduced glare, less fading of the interior fixtures.
- Superior Protection against harmful UV rays which is the main contributor to skin cancer and premature aging. UV rays can also cause eye damage, including cataracts and eyelid cancers according to Skin Cancer Foundation. UV rays also cause damage to car interiors such as leather seats, dashboard, etc.
- Heat Control Reduces the temperature inside your car resulting in faster cooling time, more Energy Saving, and Environmental Protection.
- Better signal reception for mobile phones, car radio and other electronic devices.
- Suitable for all types of cars and Buildings.

INANO TRANSPARENT FILMS

SPECIFICATIONS	FC-80 (GREY EFFECT)	FC-80 (BLUE EFFECT)	FC-80 (GREEN EFFECT)	FC-75 (SILVER EFFECT)
Visible Light Transmission (VLT)	70%	70%	73%	75%
Total Solar Energy Rejection (TSER)	65 %	73 %	62 %	75 %
UV Blocking	99.99%	99.99%	99.99%	99.99%
WARRANTY (YEARS)	10	10	10	8
SR Visible Light Transmittance	9 %	9 %	9 %	9 %
Solar Heat Gain Coefficient	0.65	0.51	0.59	0.67
Scratch Resistant	3 H	3 H	3 H	3 H
Infra Red Rejection (IRR)	93 %	97 %	96 %	83 %
Total Solar Reflectance	10 %	10 %	10 %	10 %
Thickness	2 MIL	2 MIL	2 MIL	2 MIL

PAINT PROTECTION FILM (PPF)

HIGH PERFORMANCE FILMS FOR ADVANCED PROTECTION

Our high-performance films are constructed from enhanced polyurethane, and provide exceptional scratch resistance, self-healing, and supreme visual finishes, all while being virtually invisible.

Science driven innovation has developed the strongest, most durable protection you can give your vehicle. Built with three essential layers, each Inanofilms® paint protection film is guaranteed to preserve perfect paintwork against extreme conditions.

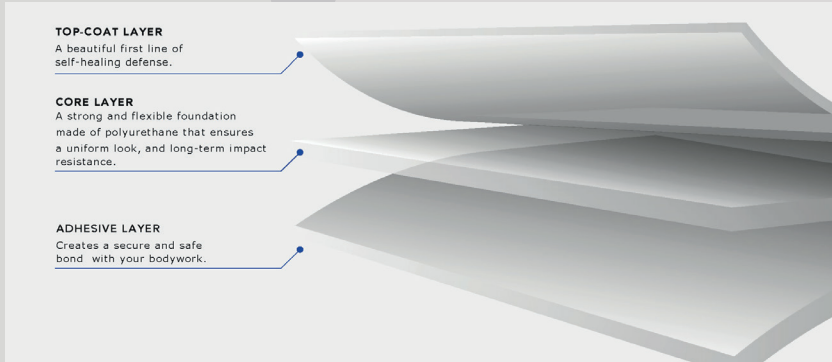
EXTERIOR PPF FILMS



INTERIOR PPF FILMS



German KNOW HOW



Perfect PROTECTION



Best PERFORMANCE



PROTECTION YOU CAN TRUST

Built with advanced engineered layers, Inanofilms® Paint Protection Films are developed to give you peace of mind for everyday vehicle usage.

Our advanced protection preserves OEM paint finishes against daily environmental and road conditions such as stone chips, gravel, scratches, insects, bird droppings and road debris.

ALWAYS LOOKS BRAND NEW

A car in perfect condition has faultless paintwork. Our new Inanofilms® PPF films create an advanced barrier between the elements and your car's precious paint, protecting it with superior stain resistance, and extreme durability against impacts and scratches, even self-healing so that your paint is always looking brand new.

INSTALL WITH CONFIDENCE

Our Inanofilms® are next-generation films that are designed to protect your vehicle's paint from extreme outdoor weathering conditions.

Our extensive durability coverage demonstrates our commitment to quality. This ensures that any manufacturing defect that affects the performance of our films is covered under our exclusive coverage.

INANOFILMS® PLATINIUM PPF INTERIOR PROTECTION FILM

Surfaces on the interior of your vehicle suffer from the same wear and tear as those on the exterior. In fact, there are times when the interior wears out even faster than the exterior! Strong and dependable interior protection is critical to keep your car interior in perfect condition.

PLATINIUM PPF is the easiest to apply, strongest and clearest impact and scratch-protecting film available for car interiors. It restores, renews, and protects your vehicle's most used areas like the Center Consoles & Controls, Touch Screens & Displays, Dashboard Trim & Fascias, Door Panel Accents & Handles and anything else that is prone to scratches.

PLATINIUM PPF maintains optimal screen clarity, vibrancy, sharpness, and touch sensitivity.

**INANOFILMS® PLATINIUM PPF
IS THE ULTIMATE CAR INTERIOR
PROTECTION FILM**



COLOURED PPF

INANOFILMS® range of coloured Paint Protection Films enjoy unmatched clarity and style while including all the superior protective properties of TITANIUM PPF range. INANOFILMS® offers you 10 gorgeous colours, outstanding hydrophobic properties, self-healing, impact-resistance, stain-resistant, and chemical resistant. The results are as impressive as a high-end paint job, only it's not permanent.

INANOFILMS PAINT PROTECTION FILMS

BASIC PARAMETERS	PREMIUM PLUS	PREMIUM	SUPER TITANIUM	PREMIUM MATT	COLOURED PPF
Character	Very Soft	Soft	Middle Soft	Middle Soft	Middle Soft
TPU Thickness	8.5 mil	7.5 mil	7.5 mil	7.5 mil	7.5 mil
Warranty (Years)	10	8	8	8	8
Self Healing	Yes	Heat Self Healing	Heat Self Healing	Heat Self Healing	Heat Self Healing
Anti Yellowing	Yes	Yes	Yes	Yes	Yes
Self Cleaning	Yes	Yes	Yes	Yes	Yes
Elongation at Break	300 %	251 %	330 %	330 %	300 %
Adhesive Strength	1028GF	762GF	720GF	720GF	1028GF
Yellowing Resistance	$\Delta E < 0.5$	$\Delta E < 1$	$\Delta E < 1$	$\Delta E < 1$	$\Delta E < 0.5$
Hydrophobic	High	High	Medium	High	High
Glossiness	103.8% Glossy(60deg)	96% Glossy(60deg)	103.8% Glossy(60deg)	Semi-Transparent	103.8% Glossy(60deg)

INANOFILMS® ULTRASHIELD WS-70 WINDSHIELD PROTECTION FILM

SUPERIOR SAFETY AND VISIBILITY

Inanofilms Exterior Vehicle Windshield Protection film is the next generation of automotive Glass protection, it's designed to provide a balance of protection, comfort, and safety.

BENEFITS AND FEATURES OF ULTRASHIELD PROTECTION FILM

Ultrashield protection Film offers numerous benefits and features that significantly enhance the safety, durability, and longevity of your vehicle's windshield.

- **Outstanding Clarity:** Optically clear like glass that integrates with a vehicle's windshield making it invisible.
- **Scratch Resistant:** Our windshield protection film stands up to everyday abrasions, like windshield wipers.
- **Guardian against Impacts:** Protect your windshield from unsightly scratches, rock chips, and debris. Ultrashield's advanced technology ensures your windshield remains flawless.
- **Hydrophobic:** No matter what the driving conditions are, rain and sand will glide off seamlessly.
- **Self-Healing:** Witness minor surface imperfections vanish magically over time, thanks to our self-healing technology, ensuring your windshield maintains its pristine appearance.
- **Solar Heat Rejection:** Keeping you and your passengers cool and more comfortable.
- **Defense Against UV:** Our films provide 99.99% protection of passengers' skin and vehicle's interior from the sun's harmful UV rays, keeping the passenger's skin healthy and preserving the pristine condition of your vehicle's interior.
- **Glare Reduction:** Sunglasses and sun visors are a thing of the past.



SPECIFICATIONS	WS-70
Visible Light Transmission (VLT)	95%
Total Solar Energy Rejection (TSER)	53 %
UV Blocking	99.99%
WARRANTY (YEARS)	Up to 5
Self Healing	Yes
Hydrophobic	Excellent
Thickness	6 MIL

INANOFILMS® ULTRASHIELD SR-70 SUNROOF PROTECTION FILM

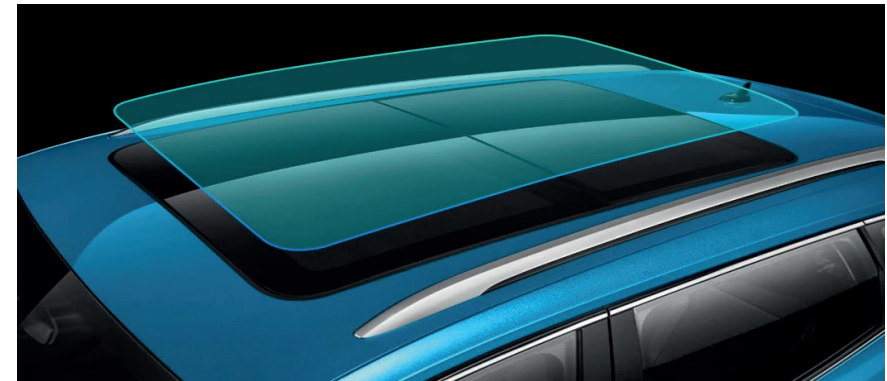
ADVANCED SAFETY AND VISIBILITY

Ultrashield Exterior Vehicle Sunroof Protection Film is the ultimate safeguard for your sunroof. This transparent sunroof PPF, high-performance film offers a powerful defense against the harmful UV rays, protecting the passengers' skin and preventing interior fading and sun damage. It also acts as a shield against scratches, rock chips, and debris, preserving the clarity and functionality of your sunroof. With Ultrashield's precision-engineered roof protection film, you can enjoy unobstructed views and the warmth of the sun without compromising your sunroof's long-term condition.

BENEFITS AND FEATURES OF ULTRASHIELD PROTECTION

Ultrashield state of the art technology and precision engineering offers numerous benefits that significantly enhance the safety, durability, and longevity of your vehicle's sunroof.

- **Outstanding Clarity:** Optically clear like glass that integrates with a vehicle's sunroof making it invisible.
- **Scratch Resistant:** Protect your sunroof from unsightly scratches, rock chips, and debris, so you can enjoy the view from your sunroof day and night.
- **Guardian against Impacts:** Protect your windshield from unsightly scratches, rock chips, and debris. Ultrashield's advanced technology ensures your windshield remains flawless.
- **Hydrophobic:** Our Sunroof protection film provides a sleek, water-repellent surface that effortlessly sheds raindrops and dirt, ensuring optimal visibility so you and your passengers can enjoy seeing the stars at night.
- **Self-Healing:** Witness minor surface imperfections vanish magically over time, thanks to our self-healing technology, ensuring your windshield maintains its pristine appearance.
- **Solar Heat Rejection:** Keeping you and your passengers cool and more comfortable.
- **Defense Against UV:** Our films provide 99.99% protection of passengers' skin and vehicle's interior from the sun's harmful UV rays, keeping the passenger's skin healthy and preserving the pristine condition of your vehicle's interior.



SPECIFICATIONS	SR-70	WS-70
Visible Light Transmission(VLT)	35%	95%
Total Solar Energy Rejection (TSER)	75 %	53 %
UV Blocking	99.99%	99.99%
WARRANTY (YEARS)	Up to 5	Up to 5
Self Healing	yes	Yes
Hydrophobic	Super	Excellent
Thickness	6,5 MIL	6 MIL

INANOFILMS®

PREMIUM ARCHITECTURE WINDOW FILMS

INANOFILMS Architectural Window Films can improve the performance and transform the appearance of commercial, industrial and residential buildings.

Major glazing system enhancements are available for both interior and exterior use, including solar protection, design and window safety applications.



Solar Window Films

The high performance INANOFILMS Solar Window Films filter damaging solar radiation and reduce interior heat build-up providing multiple benefits to occupants such as enhanced comfort and reduced glare, less fading of furniture and lower energy cost.

With a comprehensive range of finishes available, the level of comfort and privacy can be selected, and by applying the films internally or externally, the appearance of the building will be transformed.



Design Window Films

INANOFILMS has developed an attractive range of films to suit projects where enhancing a building's interior and exterior appearance is paramount.

Explore the selection of Design Window Films and discover how a building project can enjoy both aesthetics and excellent solar protection.



Safety Window Films

The Safety Window Films is designed to improve both safety and security and offers a range of protection level to glass breakages caused by accident, malicious intent, or extreme weather conditions. Additional surface protection solutions are also available.

INANOFILMS provides you with full sales and technical support, to ensure the best possible application results.





Inanofilms

FEEL THE PROTECTION. ENJOY LUXURY.

INANOFILMS®

ARCHITECTURAL WINDOW FILMS

20 YEARS WARRANTY



Solar



Design



Safety

INTERIOR FILM



UV Block

- > Protects skin
- > Inhibits fading

Lower heat gain

- > Improves comfort
- > Saves energy

Light control

- > Improves comfort
- > Reduces glare

Anti-graffiti

- > Protects surface
- > Clean and easy removal

Shard retention

- > Enhances personal safety
- > Offers security protection

GOLD

Our Gold Film provide the maximum heat Rejection and the maximum amount of energy efficiency by rejecting excess solar radiation, reducing heat build-up from windows

EXTERIOR FILM



UV Block

- > Protects skin
- > Inhibits fading

Lower heat gain

- > Improves comfort
- > Saves energy

Light control

- > Improves comfort
- > Reduces glare

Anti-graffiti

- > Protects surface
- > Clean and easy removal

Shard retention

- > Enhances personal safety
- > Offers security protection

EM-75 film provide possibly the maximum amount of energy efficiency by rejecting excess solar radiation, reducing heat build-up from windows.

German KNOW HOW
Perfect PROTECTION
Best PERFORMANCE



Protection you can Trust
Install with Confidence

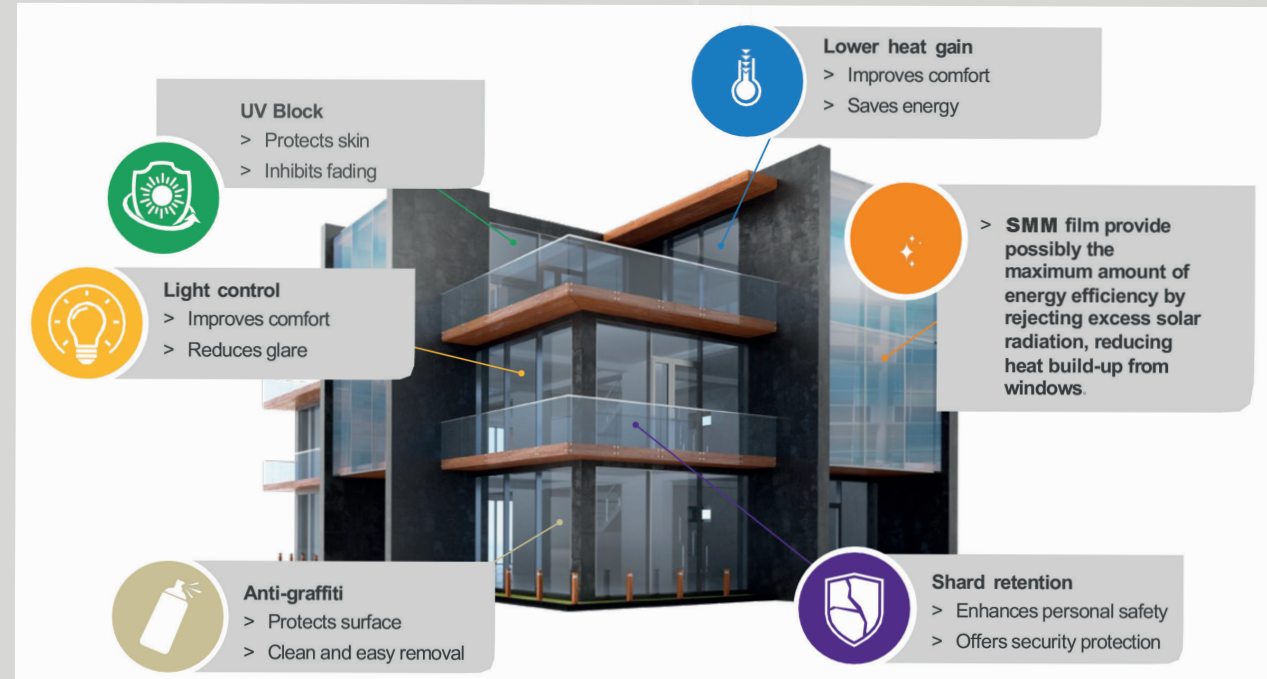
FEEL THE PROTECTION. ENJOY LUXURY.

SPECIFICATIONS	FC-75	FC-90	EM-60	EM-75
Visible Light Transmission(VLT)	73%	77%	60%	76%
Total Solar Energy Rejection (TSER)	65 %	75 %	70 %	62 %
UV Blocking	99.99%	99.99%	99.99%	99.99%
WARRANTY (YEARS)	10	10	20	20
SR Visible Light Transmittance	9 %	9 %	9 %	9 %
Solar Heat Gain Coefficient	0.65	0.59	0.41	0.43
Application	Interior Installation	Interior Installation	Exterior Installation	Exterior Installation
Infra Red Rejection (IRR)	93 %	75 %	95 %	86 %
Total Solar Reflectance	10 %	10 %	10 %	10 %
Energy Saving Rate			27% - 37%	20% - 35%

INANOFILMS SM SERIE SAFETY INTERIOR FILM

INANOFILMS SMM SERIE (SAFETY EXTERIOR FILM)

INANOFILMS Safety and Security Window Films are a transparent and weather stable Nano Ceramic film with a durable scratch resistant surface and a strong acrylic adhesive.



German KNOW HOW
Perfect PROTECTION
Best PERFORMANCE



Protection you can Trust
Install with Confidence

FEEL THE PROTECTION. ENJOY LUXURY.

INANOFILMS **Safety and Security** Window **Films**

SPECIFICATIONS	SSM-90	SSM-76	SSM-60
Visible Light Transmission (VLT)	35%	76%	60%
Total Solar Energy Rejection (TSER)	35 %	62 %	70 %
UV Blocking	55 %	97%	98%
WARRANTY (YEARS)	20	20	20
Energy Saving Rate	20% - 35%	20% - 35%	20% - 37%
Roll Size	152cmx30m	152cmx30m	152cmx30m
Thickness	4 MIL	4 MIL	4 MIL

Product Name	Colour	Thickness	VLT (%)	Total Solar Energy Transmission (TSER)	Elongation at Break (%)		Break Strength (lbs/inch)		Total Luminous (%)	Puncture Resistance Load(lbs)	Peel Strength (g/inch)	Melting Point (°C)
					T.D	M.D	T.D	M.D				
SM - 2	Clear	2mil	90	88.00%	213	177	48.1	57.9	87.5	31.2	1800<	255-265
SM - 4	Clear	4mil	90	89.00%	188	174	78.4	94.6	87.2	52.4	1800<	255-265
SM - 8	Clear	8mil	90	86.30%	181	166	183	217	86.3	93.2	600<	255-265
SM - 12	Clear	12mil	90	84.80%	199	168	252	297	85.6	133	600<	255-265

