



Facebook facebook.com/andhybrid
Phone +62 812 1213 1919
Email sales@andhybrid.com
Website andhybrid.com

© AND HYBRID Window Films
Made in Malaysia of U.S.A. and imported components

Terima Kasih
Telah Menggunakan Produk



Head Office

Jl. Raya Pos Pengumben No.14, Srengseng Kembangan - Jakarta Barat 11630

BLACK TITANIUM Plus

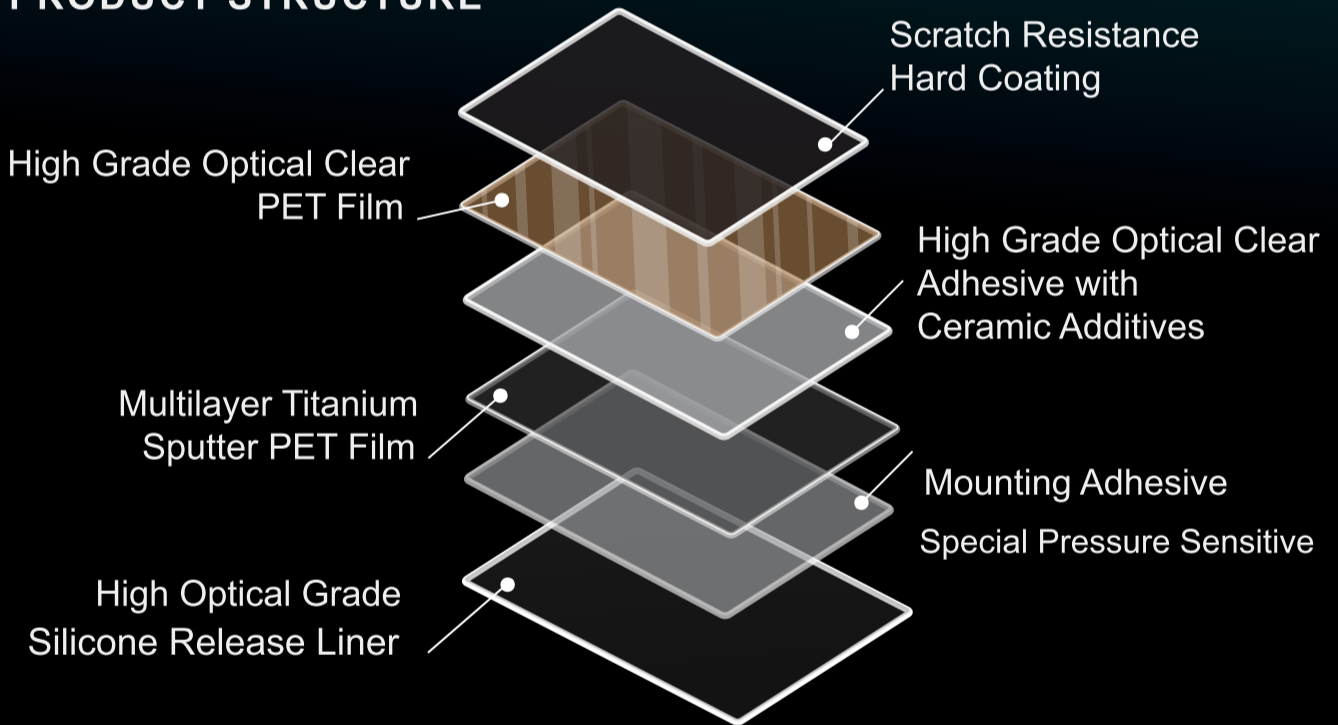
SPECTRALLY SPUTTER



© AND HYBRID Window Films

Made in Malaysia of U.S.A. and imported components

PRODUCT STRUCTURE



BTP 40% Specification

Visible Light Transmittance	%	31
Visible Light Reflectance	%	12.6
Optical Density	%	0.55
Solar Heat Gain Coefficient	%	0.17
Total Solar Energy Rejected	%	74
IR Rejection 950nm	%	98
IR Rejection 1400nm	%	93.5
UV Rejection	%	99.9 /100
Construction	%	2
Nominal Thickness	%	2
Scratch Resistance	%	3

BTP 60% Specification

Visible Light Transmittance	%	11
Visible Light Reflectance	%	12.6
Optical Density	%	0.55
Solar Heat Gain Coefficient	%	0.17
Total Solar Energy Rejected	%	74
IR Rejection 950nm	%	98
IR Rejection 1400nm	%	98
UV Rejection	%	100
Construction	%	2
Nominal Thickness	%	2
Scratch Resistance	%	3

BTP 80% Specification

Visible Light Transmittance	%	6.5
Visible Light Reflectance	%	11.5
Optical Density	%	0.03
Solar Heat Gain Coefficient	%	81
Total Solar Energy Rejected	%	100
IR Rejection 950nm	%	100
IR Rejection 1400nm	%	95
UV Rejection	%	100
Construction	%	2
Nominal Thickness	%	2
Scratch Resistance	%	3

KEY FEATURES



Stable colour performance



High Durability



UV Protection



Reflective



Long Lasting Performance



Natural Appearance



High Heat Rejection



Environmental Friendly



High Definition Clarity



Non-Oxidation



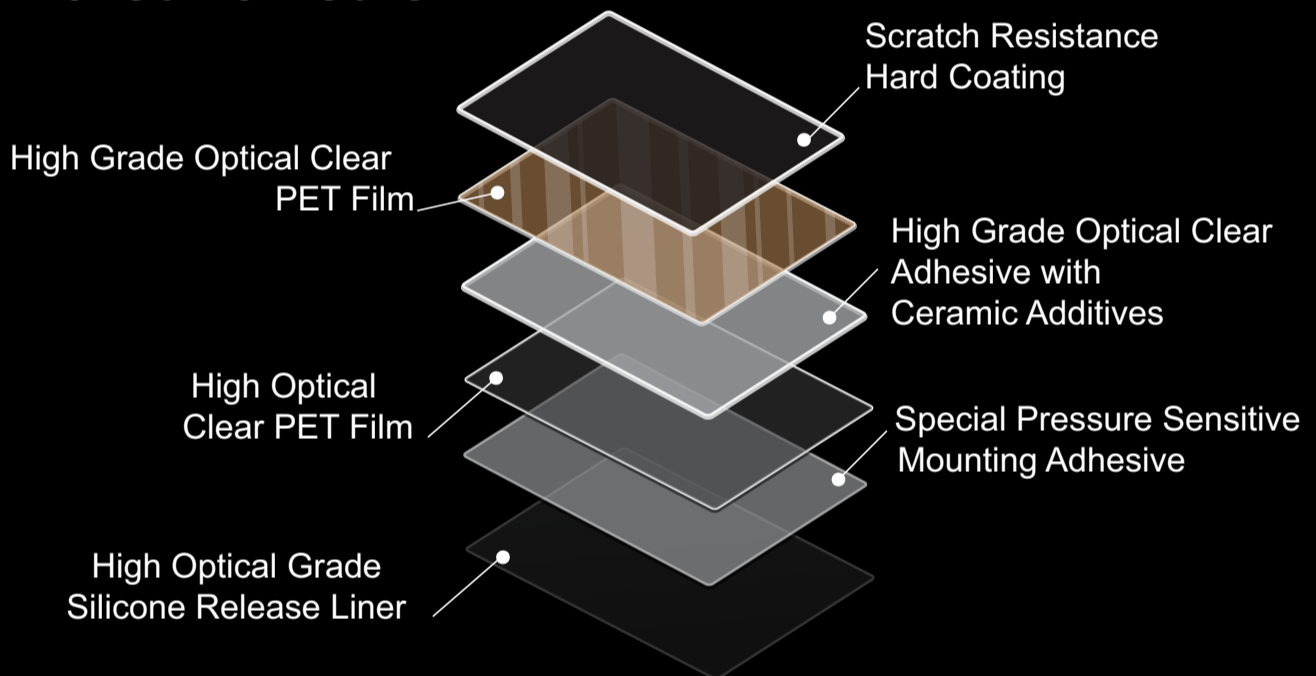
Produk Pilihan Lainnya

PLATINUM CERAMIC FUV

CERAMIC PLUS UV400



PRODUCT STRUCTURE



© AND HYBRID Window Films
Made in Malaysia of U.S.A. and imported components

PLC 20%		PLC 40%		PLC 70%	
Visible Light Transmittance	% 50	Visible Light Transmittance	% 31	Visible Light Transmittance	% 11
Visible Light Reflectance	% 13.5	Visible Light Reflectance	% 11	Visible Light Reflectance	% 10.4
Optical Density	% 0.23	Optical Density	% 0.57	Optical Density	% 0.9
Solar Heat Gain Coefficient	% 0.29	Solar Heat Gain Coefficient	% 0.21	Solar Heat Gain Coefficient	% 0.09
Total Solar Energy Rejected	% 66	Total Solar Energy Rejected	% 73	Total Solar Energy Rejected	% 75
IR Rejection 950nm	% 96	IR Rejection 950nm	% 91	IR Rejection 950nm	% 88
IR Rejection 1400nm	% 92	IR Rejection 1400nm	% 87 - 90	IR Rejection 1400nm	% 85 - 90
UV Rejection	% 99.9/100	UV Rejection	% 100	UV Rejection	% 100
Construction	% 2	Construction	% 2	Construction	% 2
Nominal Thickness	% 2	Nominal Thickness	% 2	Nominal Thickness	% 2
Scratch Resistance	% 3	Scratch Resistance	% 3	Scratch Resistance	% 3

KEY FEATURES



Stable colour performance



High Durability



UV Protection



Long Lasting Performance



Natural Appearance



High Definition Clarity



High Heat Rejection



Environmental



BLACK HYBRID

INFUSION INORGANIC NANO CERAMIC

© AND HYBRID Window Films

Made in Malaysia of U.S.A. and imported components



OVERVIEW

Seri **BLACK HYBRID** Infusion Series terbuat dari film Polyester (PET) yang diresapi dengan bahan Nano Ceramic yang memiliki sifat penolakan panas tinggi selama proses ekstrusi film. Dengan built-in yang tepat ikatan seperti pemblokiran UV tinggi dan penolakan panas tinggi, film ini mampu menghasilkan kejernihan optik dan daya tahan standar tertinggi. Tidak seperti metode pelapisan konvensional lainnya, film yang diinfuskan dipastikan memiliki daya tahan lebih lama dalam hal pemudaran warna dan penolakan panas.

BHC 40%		BHC 60%		BHC 80%	
Visible Light Transmittance	% 34	Visible Light Transmittance	% 19	Visible Light Transmittance	% 7
Visible Light Reflectance	% 11.3	Visible Light Reflectance	% 10.9	Visible Light Reflectance	% 10.4
Optical Density	% 0.51	Optical Density	% 0.73	Optical Density	% 1.24
Solar Heat Gain Coefficient	% 0.27	Solar Heat Gain Coefficient	% 0.12	Solar Heat Gain Coefficient	% 0.16
Total Solar Energy Rejected	% 62	Total Solar Energy Rejected	% 76	Total Solar Energy Rejected	% 72
IR Rejection 950nm	% 77	IR Rejection 950nm	% 97	IR Rejection 950nm	% 73
IR Rejection 1400nm	% 70 - 75	IR Rejection 1400nm	% 70 - 75	IR Rejection 1400nm	% 70 - 75
UV Rejection	% 100	UV Rejection	% 99.9-100	UV Rejection	% 99.9-100
Construction	% 2	Construction	% 2	Construction	% 2
Nominal Thickness	% 2	Nominal Thickness	% 2	Nominal Thickness	% 2
Scratch Resistance	% 3	Scratch Resistance	% 3	Scratch Resistance	% 3

KEY FEATURES



Stable colour performance



High Durability



UV Protection



Re ective



Long Lasting Performance



Natural Appearance



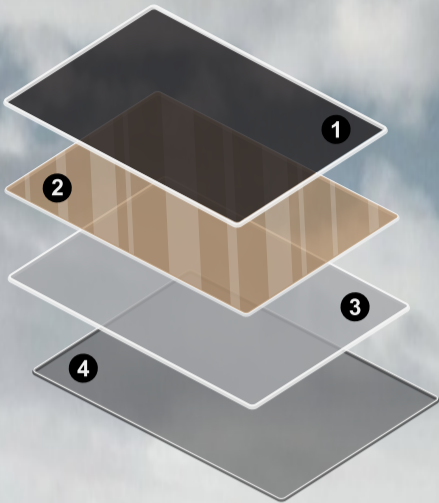
High Heat Rejection



Environmental Friendly

SOLAR BLACK

NANO CERAMIC



- 1 Scratch Resistance Hard Coating
- 2 Organik Economy Infusion PET Film
- 3 Mounting Adhesive
- 4 Silicone Release Liner

Visible Light Transmittance	%	35
Visible Light Reflectance	%	-
Optical Density	%	0.40
Solar Heat Gain Coefficient	%	0.36
Total Solar Energy Rejected	%	54
IR Rejection 950nm	%	45
IR Rejection 1400nm	%	95
UV Rejection	%	99
Construction	%	
Nominal Thickness	%	2
Scratch Resistance	%	3



Stable colour performance



High Durability



UV Protection



Reflective



Long Lasting Performance



Natural Appearance



High Heat Rejection



Environmental Friendly



and HYBRID
THE REAL WORTH IT



Seri **Solar Black** diproduksi dengan metode produksi yang sama dengan Infusion Series, dimana kaca film dibuat menggunakan film Polyester (PET) yang diresapi dengan bahan organik penolak panas selama proses ekstrusi. Biayanya lebih murah dibandingkan dengan Seri Infus biasa karena biaya bahan penolakan panas organik yang digunakan relatif lebih rendah. Film yang dibuat menggunakan bahan ini lebih tahan lama daripada film biasa dan menunjukkan penolakan panas alami dari bahan itu sendiri. Seri Infusion Lite diproduksi menggunakan standar kejelasan tertinggi dan ramah penginstal dengan penyusutan panas yang luar biasa

© AND HYBRID Window Films

Made in Malaysia of U.S.A. and imported components