



Uplus,
Life Plus!

The One

Solar Film

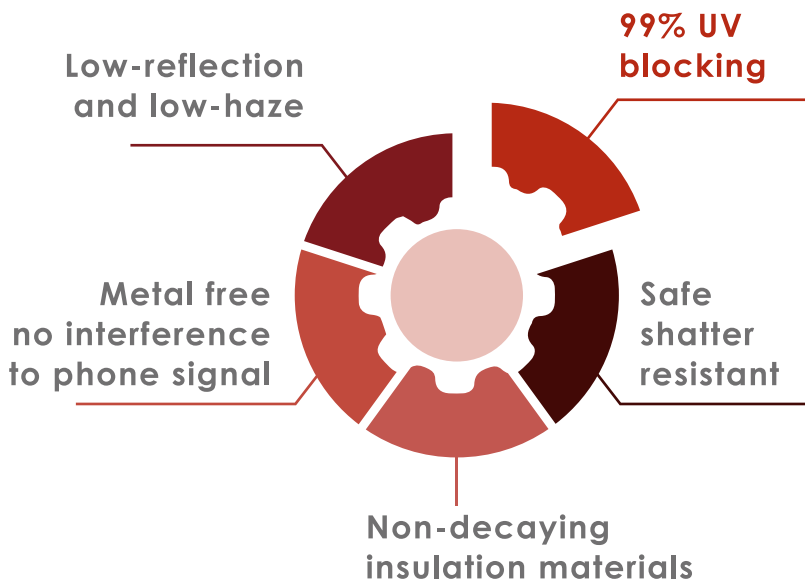
Energy-saving
building materials

Application of
Nano Technology

Application of
Consumer Goods



” 5 core technologies



Interior Solar Film Series

The innovative Nano-Tech insulation patent, more than one million Nano-infrared absorbent nanoparticle absorbs more than 90% infrared radiant heat from the sun, it helps the interior temperature to decrease and reduces the air conditioning usage. 99% UV rays blocking, taking care of your skin and protecting your interior furniture and wooden floors from fading and cracking.

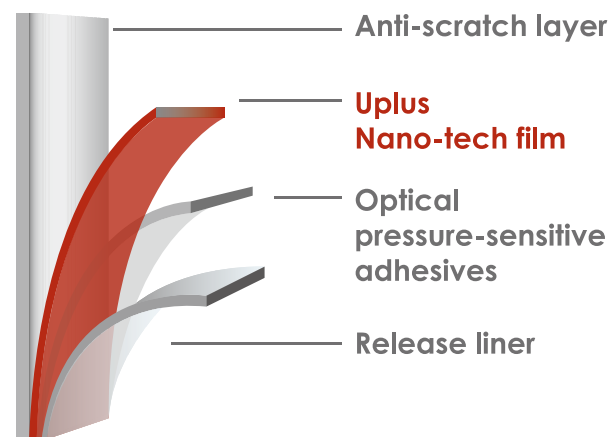
>99%

UV Rejection

>90%

IR Blocked

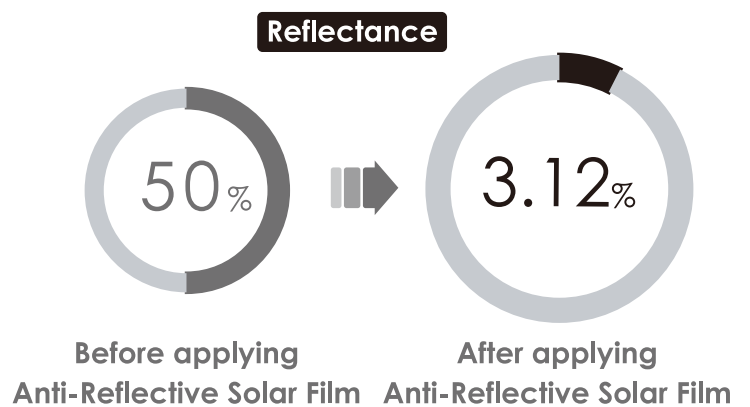
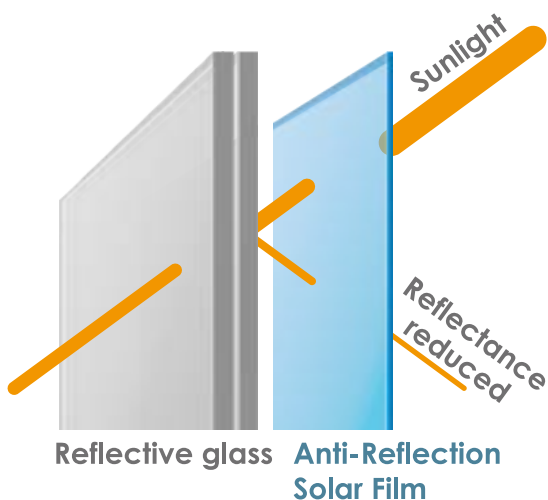
Model No.	VLT%	VLR%	TSER%	SC
U70 Series	72.0	7.8	51	0.56
U45 Series	50.17	6.01	55.93	0.5066
U30 Series	32.6	5.3	62	0.44
U20 Series	25.5	4.9	63	0.42
U10 Series	13.8	5.4	66	0.39





Anti-Reflective Solar Film (Exterior Film)

In addition to the interior film, The One Solar Film also provides anti-reflective solar film for the exterior side of the glass. It is particularly designed for solving light reflectance problems caused by large glass constructions. If the light reflectance of general reflective glass is 50%, it can be easily reduced to 3.125% after applying anti-reflective solar film.



70%

45%

30%

25%

10%

Average Indoor Temperature in Summer (Without using air conditioning)

36.9°C
Before applying solar film

31.7°C
After applying Uplus solar film

(Temperature decrease capability depends on indoor electricity usage and various weather conditions.)

Temperature Decreases Up To 5°C

Item	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5mm clear glass	5.4	35.8	49.6	92.9	109.4	110.6	123.2	110.7	110.7	95.0	51.6	8.6
5mm clear glass+U70E	0.86	18.39	30.18	69.94	82.06	87.95	99.04	89.48	88.12	76.03	37.18	3.53
Energy efficiency after applying The One Solar Film	84%	49%	39%	25%	25%	20%	20%	19%	20%	20%	28%	59%

* Test Report : National Cheng Kung University Research Center for Energy Technology Thermal Performance of Building Material Testing Laboratory.

Eliminate the wrong idea of curtain insulation



” Applications

Interior Solar Film

Singapore CHANGI Airport / Hong Kong-Zhuhai-Macao Bridge / McDonald's office / Wow-prime Corp. - TASTy / Office of GoBo Group / NET Fashion / Chungyuet Group
Taipei Wanhua Junior High School / Courtyard Marriott Hotel / Taipei- FEDS XinYi A13



Anti-Reflective Solar Film (exterior film)

Taoyuan International Airport / Taipei- Well-known hotel chain

