

Vampire Shield Solar Film / Vampire Shield Energy Saving Glass / Uplus Insulation Paint

Achieving ecological balance
by making the best of thermal
insulation technologies

億高應用材料

ZIRCO APPLIED
MATERIALS CO., LTD.



About Zirco Applied Materials

Zirco Applied Materials Co., Ltd. independently and innovatively conduct research development and produce trial runs of Uplus relevant products. Not only have the products obtained patents in numerous countries in order to resolve various heat insulation challenges that appeared on the market, but also received recognition and used by well-renowned enterprises in various countries.

Zirco has proactively invested in the Taiwanese market since 2018, and simultaneously seeking business opportunities abroad. Currently Zirco has collaborated with agents by applying its brand to products in various countries such as Thailand, Malaysia and Singapore, thus the product has become an energy saving and heat insulating green building materials product that is popularly exported to countries in the Northeast and Southeast Asian region.

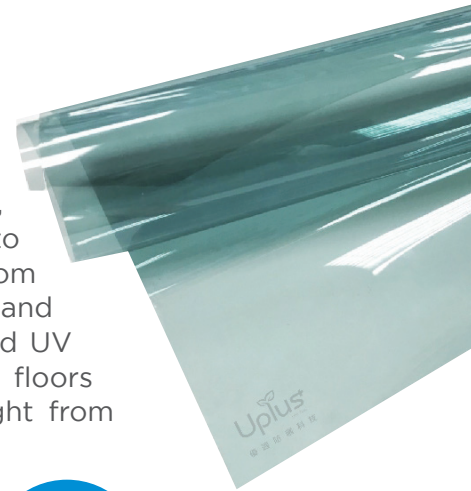
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Product Introduction

Vampire Shield Solar Film

Vampire shield
solar film



The enterprise owns patent for its innovative nano thermal insulation layer, with more than millions of nano infrared absorbing particles, which is able to absorb more than 90% of the infrared rays radiant heat energy coming from the sunlight. In addition, it could lower the temperature stored indoors and reduce the usage of air conditioning. Moreover, by blocking the full band UV rays, the product could prevent furniture, home furnishing and wooden floors from aging and producing cracks due to long term exposure of sunlight from windows and protect the well-being of the clientele's skin.



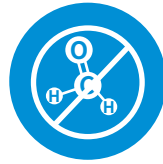
High light transparency
reduce UV rays for lighting



Blocking of the UV rays, do not harm skin and furniture



Lower the indoor temperature and reduce the usage of air conditioning



Formaldehyde-free and non-toxic material



SAFE
Resistant to glass explosion, safety protection

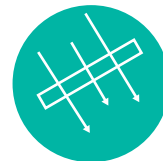


Vampire Shield Energy Saving Glass

Vampire Shield Energy Saving Glass owns the patent of the UVIR shielding film, which could strongly block more than 90% of the radiant heat from the infrared rays, and highly effectively shield large amounts of UV rays. The product could be applied onto any building due to its characteristics which includes low reflection and high light transparency. In addition, it will not have chromatic polarization challenges when used along with stained glass.



Block radiant heat from infrared rays



Low reflection, high light transparency

Uplus Insulation Paint

The paint and additives from Uplus Insulation Paint could reflect the radiant heat from sunlight and able to block the sun's energy in a reflective manner. Moreover, "The extremely low heat conduction coefficient of the hollow ceramic beads" is added into the paint to greatly reducing the conduction of heat, thereby achieving the effect of lowering the temperature to a cozy environment.



Reflect radiant heat



Lower the conduction of heat



General View of Product Application

