

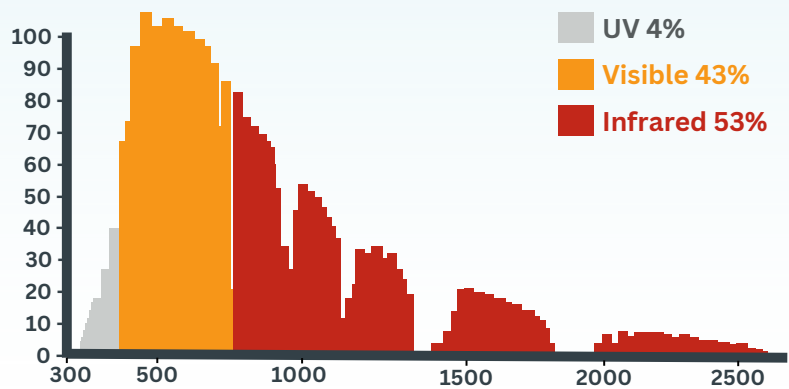
VENATOR

ALTIRIS® pigments

Enhancing Solar IR Reflectance

MANAGING REFLECTANCE TO IMPROVE PRODUCT DURABILITY

- UV makes up 4% of the spectrum
- Visible light is less than 50%
- Infrared makes up greater than 50% of the solar spectrum
- All these together influence durability of organic materials.



Maximising solar reflectance is key to enhanced performance in both white and coloured exterior systems

KEY FEATURES AND BENEFITS



Key Features

- Improved solar reflectance, heat management and weatherability in exterior applications
- Solutions for white and coloured surfaces
- Meets new ASTM D476 class VIII type for TiO₂
- Proprietary patented technology

Outer Alumina Coating

- Excellent dispersion and dispersibility

Macro Sulfate Titanium Dioxide Core

- Optimised sizes to maximise solar & near infrared reflection across the colour spectrum

Dense Silica Shell

- Reduces free radical escape
- Low photocatalytic activity improving durability
- Delivers UV attenuation protecting organic pigments and reducing resin degradation in certain systems

VENATOR ALTIRIS® RANGE

800 | 550 | W400

Grade	IR Reflection	Main Paint Colour Uses
Altiris® 800	Best	Dark Colours
Altiris® 550	Excellent	Off white & Light/Dark Colours
Altiris® W400	Good	White & Light Colours

Note: These pigments can also be used in plastic applications