



Delivering Ultra 'Cool' Roofing to Warming Cities

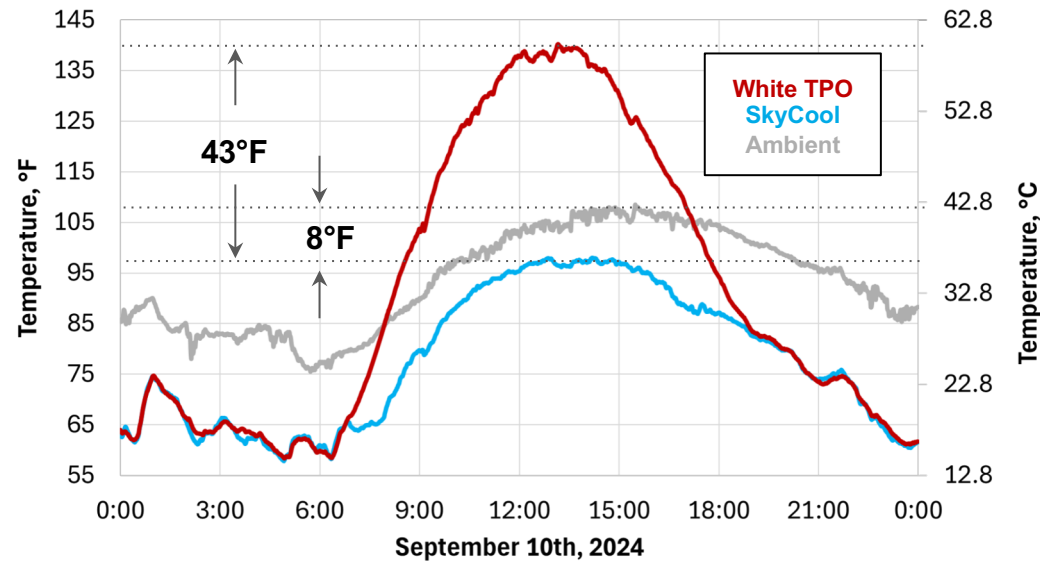
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NASEO 2026 Energy Policy Outlook Conference
Washington, DC
February 3-6, 2026

We invented a breakthrough **Passive Cooling** technology:

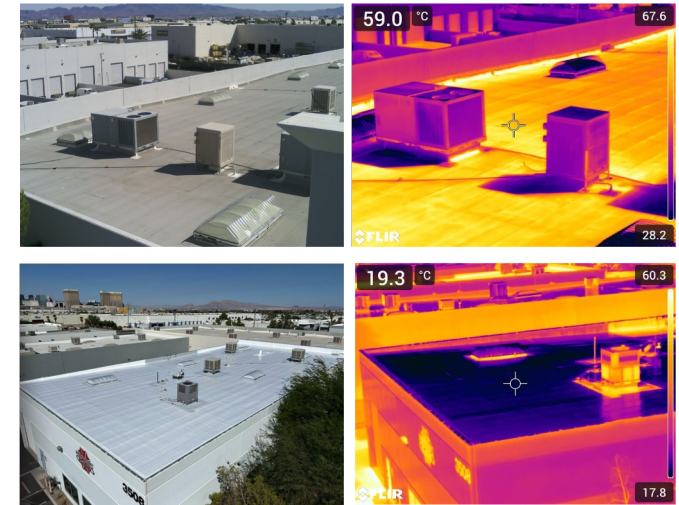


that can cool below the outdoor ambient, without using **energy or water**



Before

After



September: Las Vegas, NV

Enabled by a natural phenomena known as:
Passive Daytime Radiative Cooling

TED
2.4M Views



Stanford
University



TomKatCenter
FOR SUSTAINABLE ENERGY

POPULAR
SCIENCE

MIT
Technology
Review

Inc.

THE CHRISTIAN
SCIENCE MONITOR

The
Washington
Post

Bloomberg

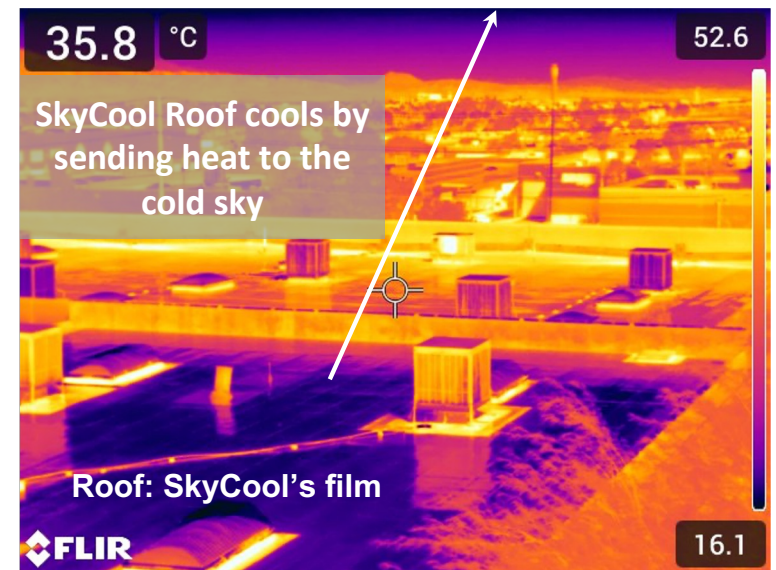
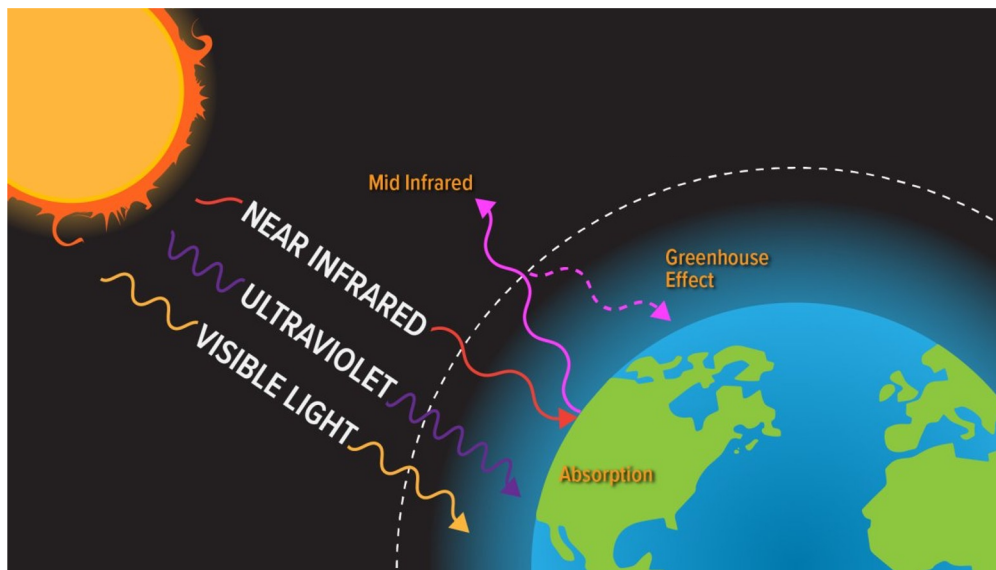
NATIONAL
GEOGRAPHIC

The
Economist

CNN

How Does Passive Daytime Radiative Cooling Work?

- The upper atmosphere is cold: -455°F
- The atmosphere is transparent to infrared light
- PDRC materials reflect nearly all sunlight and emit infrared light





Ultra-Cool Roofing

Enabled by Passive Daytime Radiative Cooling

• SkyCool Film

• 60 mil TPO

• Cover Board

It Breaks the
SRI Scale

150 effective
SRI

120 max per
ASTM

Turn Roofs into
HVAC Assets

20-100%

avoided building
cooling load

Reverse Heat
Islands

1-7°F

lowers local air
temperatures

Passive Daytime Radiative Cooling

Surfaces on Earth are warmed by the Sun

Surfaces radiate infrared energy

Mid-wavelength infrared passes through the "sky window" to space

At night, surfaces continue to radiate mid-infrared to space, becoming colder than the air around them

Frost can form at night even when the air is above freezing

Warm
daytime
temp

Cool
nighttime
temp

