

AS1005HRP

Heat Reflective "Cool Roof" Coating System

**The roof
takes the heat.
Your building
shouldn't.**

Engineered with PU + TiO₂ technology
to reflect solar heat, resist harsh environments
and extend roof performance.

42.0°C 

SURFACE TEMP.
CONVENTIONAL ROOF

35.0°C 

SURFACE TEMP.
AS1005HRP COATED ROOF



HIGH IR
REFLECTIVITY



WATER & WEATHER
RESISTANCE



ANTI-CORROSION
PROTECTION



5+ YEAR
EXPECTED LIFE



AUTOMOTIVE SOLUTIONS

DRIVEN BY INNOVATION. PROTECTED BY EXCELLENCE.

Every roof becomes a heat collector.

Most rooftops spend the day absorbing solar radiation and transferring that heat directly into the spaces below.

The result:



Higher indoor temperatures.



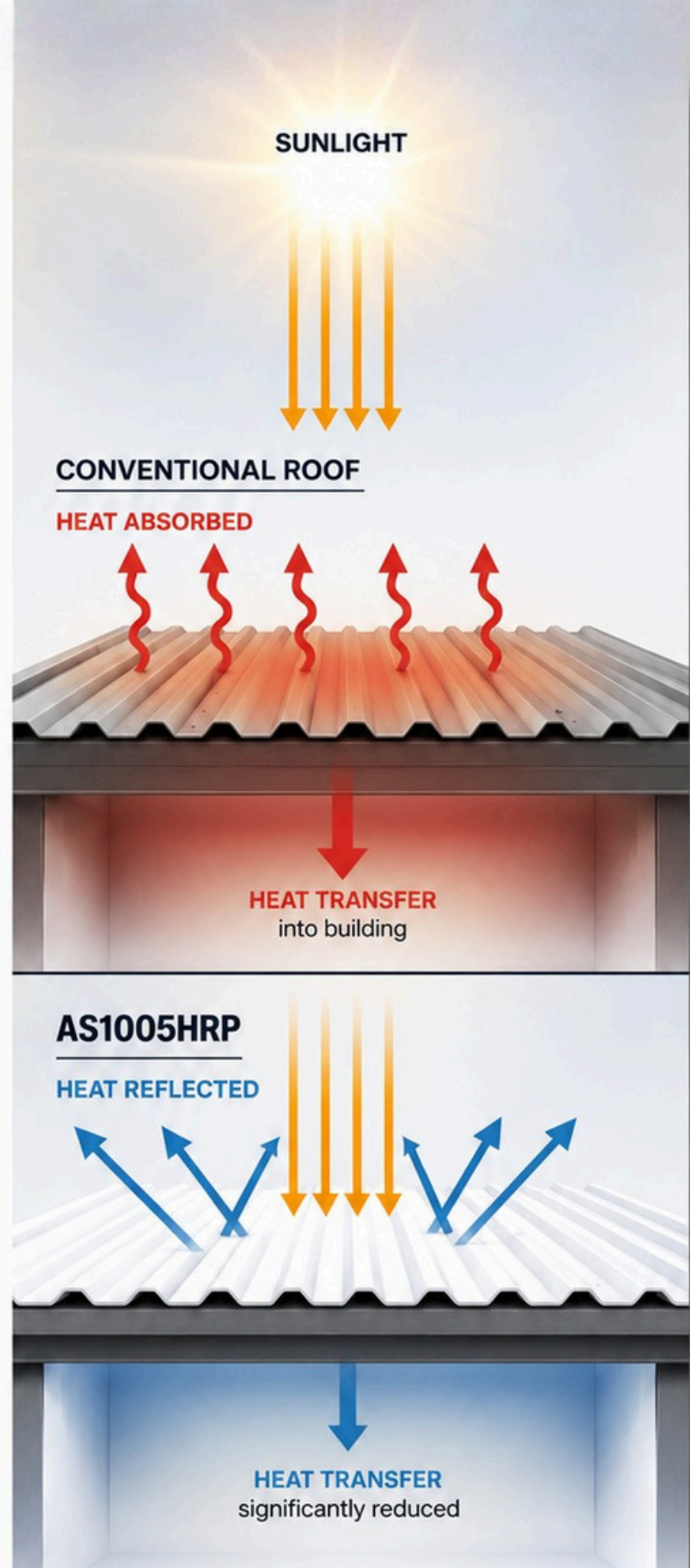
Higher cooling loads.



Higher operating costs.

And over time, exposure to UV, moisture and industrial fallout slowly reduces roof life.

Heat doesn't stop at the roof. It enters the building.



REFLECT HEAT BEFORE IT ENTERS.



AUTOMOTIVE SOLUTIONS

Designed to reflect more. Built to withstand more.

TECHNOLOGY

AS1005HRP combines polyurethane durability with TiO_2 reflective technology to reduce rooftop heat absorption while maintaining long-term surface protection.

PERFORMANCE FEATURES



High IR Reflectivity

Reflects solar heat and reduces surface temperature build-up.



Built for harsh exposure

Resists water, acid rain and industrial fallout.



Surface durability

High abrasion resistance with excellent adhesion across multiple substrates.



Protection for metal roofs

Helps reduce corrosion and extend service life.

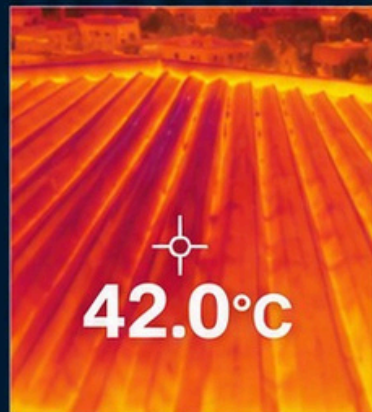


PROOF

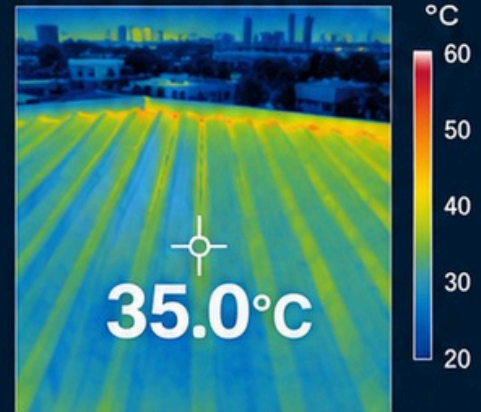
Up to
7°C

observed surface
temperature
reduction*

CONVENTIONAL ROOF



AS1005HRP COATED ROOF



*Observed under sample test conditions.
Actual performance may vary with substrate and environmental conditions.



AUTOMOTIVE SOLUTIONS
ADVANCED COATING SYSTEMS

AS1005HRP

Heat Reflective "Cool Roof" Coating System

Built for rooftops that work harder.



RESIDENTIAL



Top-floor homes



Terraces



Apartment rooftops



Water tanks



INDUSTRIAL



Factory sheds



Warehouses



Metal roof systems



Commercial buildings

TECHNICAL SPECIFICATIONS

	Technology	PU + TiO ₂
	Colour	White
	Finish	High Gloss
	Coverage	~55 sq.ft/L
	Coats Required	2
	Drying Time	~120 minutes
	Expected Life	5+ years
	Warranty	1 year



Your air conditioner should cool the room.
Not fight the roof.



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