

What Are Cool Roofs?



Painted with solar reflective paint, covered in white tiles, or with white membrane, cool roofs are an easy and cost-effective way to help fight climate change by mitigating the urban heat island effect and reducing cooling demand.

Benefits of Cool Roofs:

COOLER HOMES

Cool roofs can help keep indoor temperatures

2 to 5°C

lower than households with traditional roofs.

LOWER COSTS

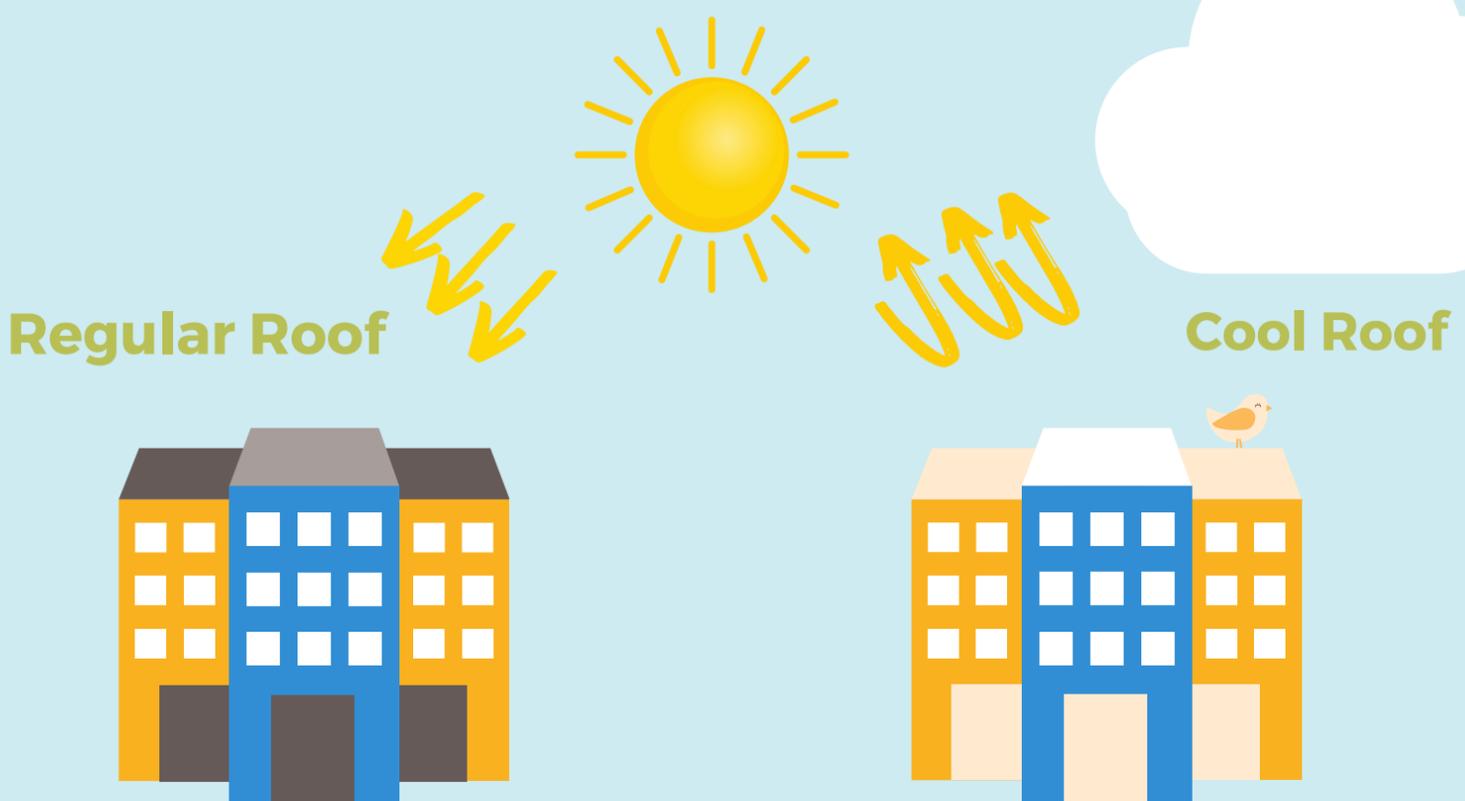
Cool roofs need limited maintenance, can save

20%

in energy costs, and can increase the longevity of the roof beneath them.

How Does It Work?

A cool roof takes in less heat from the sun than regular roofs. It stays cool in the sun by reflecting sunlight to (minimize solar absorption) and emitting thermal radiation (to help dissipate solar heat gain). Cool Roofs reflect around 80% of sunlight as compared with 20% from regular roofs. Thus, buildings with cool roofs stay significantly cooler.



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