

NWiR EDUCATION SERIES

BUILDING SOLUTIONS FOR INCREASING HEAT EQUITY

In an average year in the U.S., heat kills more people than any other type of extreme weather



Source: US EPA

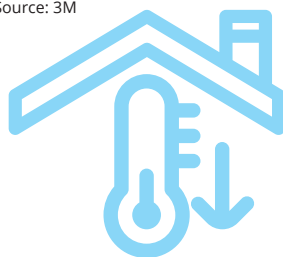


8 out of 10 people live in an Urban Area, which is 1° F to 7° F Hotter on Average than Rural or Suburban Areas

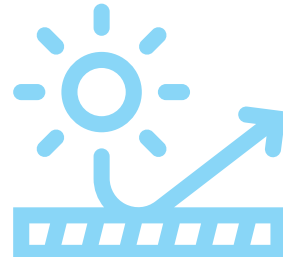
Source: US EPA

ROOFING GRANULES COMBATting HEAT

Source: 3M



Cool Roof Granules



Highly Reflective Granules



Smog Reducing Granules

IMPACT OF LEED: Overall temperature drop in LEED building



Average of
0.35°C



Average of



0.26°C



Average of



0.48°C

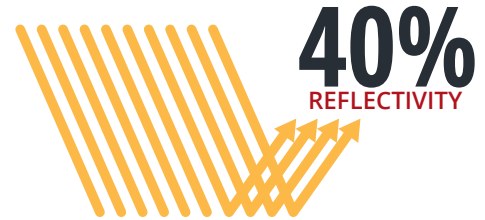
Source: LEED, Its Efficacy and Fallacy in a Regional Context – An Urban Heat Island Case in California

WARM VS COOL PAVEMENT REFLECTIVITY

Source: GAF Cool Community Project



Warm Pavement



Cool Pavement

For more in-depth resources, visit the Education page on the NWiR website. To watch the complete webinar visit www.NationalWomeninRoofing.com/home/education/webinars/