



# EQUIVALENT R-VALUE REPORT

The following table shows the equivalent additional R-Values<sup>1</sup> for roofs coated with Nationwide Protective Coating Mfrs., Inc. Roof Coatings. These values were determined by the Oak Ridge National Laboratory calculation, for the cities of Miami, Houston, San Antonio and Phoenix.

<b>SNOWBRITE™ - Additional R-Value for an Attic with R19</b>				
City	COP 1.5 Eff. 0.8	COP 2.5 Eff. 0.8	COP 1.5 Eff. 2.0	COP 2.5 Eff. 2.0
Miami	16.82	16.52	17.10	16.97
Houston	12.10	8.12	15.06	13.74
San Antonio	11.97	7.81	14.99	13.64
Phoenix	14.65	13.04	16.20	15.49

  

<b>INSULKOTE™ - Additional R-Value for an Attic with R19</b>				
City	COP 1.5 Eff. 0.8	COP 2.5 Eff. 0.8	COP 1.5 Eff. 2.0	COP 2.5 Eff. 2.0
Miami	16.66	16.36	16.94	16.82
Houston	11.91	7.80	14.90	13.57
San Antonio	11.78	7.48	14.83	13.47
Phoenix	14.50	12.87	16.05	15.34

  

<b>PERMAKOTE® - Additional R-Value for an Attic with R19</b>				
City	COP 1.5 Eff. 0.8	COP 2.5 Eff. 0.8	COP 1.5 Eff. 2.0	COP 2.5 Eff. 2.0
Miami	16.72	16.42	17.00	16.87
Houston	12.02	8.04	14.98	13.66
San Antonio	11.89	7.73	14.91	13.56
Phoenix	14.56	12.95	16.10	15.40

  

<b>PERMAKOTE PLUS® - Additional R-Value for an Attic with R19</b>				
City	COP 1.5 Eff. 0.8	COP 2.5 Eff. 0.8	COP 1.5 Eff. 2.0	COP 2.5 Eff. 2.0
Miami	16.65	16.35	16.93	16.80
Houston	11.90	7.77	14.89	13.55
San Antonio	11.76	7.45	14.82	13.45
Phoenix	14.48	12.86	16.04	15.32

  

<b>ULTRA KOTE™ - Additional R-Value for an Attic with R19</b>				
City	COP 1.5 Eff. 0.8	COP 2.5 Eff. 0.8	COP 1.5 Eff. 2.0	COP 2.5 Eff. 2.0
Miami	16.77	16.47	17.05	16.92
Houston	12.04	8.02	15.01	13.68
San Antonio	11.91	7.71	14.94	13.59
Phoenix	14.60	12.98	16.15	15.44

  

<b>ULTRA KOTE XL™ - Additional R-Value for an Attic with R19</b>				
City	COP 1.5 Eff. 0.8	COP 2.5 Eff. 0.8	COP 1.5 Eff. 2.0	COP 2.5 Eff. 2.0
Miami	16.60	16.20	16.80	16.70
Houston	12.00	8.20	14.80	13.50
San Antonio	11.80	7.90	14.80	13.50
Phoenix	14.40	12.80	15.90	15.20

  

<b>ULTRA SEAL™ - Additional R-Value for an Attic with R19</b>				
City	COP 1.5 Eff. 0.8	COP 2.5 Eff. 0.8	COP 1.5 Eff. 2.0	COP 2.5 Eff. 2.0
Miami	16.65	16.35	16.92	16.80
Houston	11.94	7.90	14.90	13.58
San Antonio	11.80	7.59	14.83	13.48
Phoenix	14.49	12.87	16.04	15.33

The numbers above represent the R-value of additional insulation that a structure would achieve when the specified Nationwide Protective Coating Product is applied. These values are relative to a black roof. This additional insulation R-value equivalent is calculated using the given input values: COP, Eff. Emissivity of the Coating and Percent of Reflectance.

*COP is the efficiency of the cooling unit. Eff. is the efficiency of the heating unit.*