

GOOD AFTERNOON,

I THINK YOU SHOULD LOOK AT REDRAWING THE CLIMATE MAP AGAIN. I AM IN OMAHA, NE., IN THIS AREA WE WANT THE SHGC TO BE LOW; BECAUSE IN MOST YEARS WE ARE RUNNING AIR CONDITIONING FROM THE BEGINNING OF APRIL TILL THE END OF OCTOBER. WE DO NOT NEED PASSIVE SOLAR DOWN HERE. OUR ENERGY COSTS FOR THE 4-5 MONTHS WE ARE HEATING ; ARE NOT AS BAD AS OUR AIR CONDITIONING COSTS. I AGREE THAT THE NORTHERN STATES LIKE ALASKA, MINNESOTA AND ETC. BENEFIT FROM PASSIVE SOLAR HEATING UP THERE. WHEN THEY NEED AIRCONDITIONING; THEY OPEN THEIR WINDOWS. THAT IS NOT THE CASE DOWN HERE. SHGC SHOULD BE "ANY" HERE ALSO. ALSO "MOST EFFICIENT" SHOULD LOOK AT WHOLE PROJECT. WITH SOME HOUSES USING ALMOST ALL GLASS IN SOME LIVING AREAS. OPENING UP AN R19 WALL AND PUTTING IN AN R5 "MOST EFFICIENT" WINDOW IS NOT A VERY GOOD TRADE OFF. LOOKING AT TOTAL SQUARE FOOT OF WALL VS. SQUARE FOOT OF GLASS. ALSO I AM NOT SURE HOW YOU WILL KEEP U-VALUE DOWN AND SHGC UP IN TRIPLE PANE UNITS. RIGHT NOW I CAN BUY VINYL CASEMENTS WITH A U-OF .22 AND AN SHGC OF .17. THIS IS CONSIDERING LOW SOLAR GAIN ON SURFACES 2 & 5. GOOD PRODUCT. .30 = R3.33. .22 = R4.545 .20 = R5. IF A 2X6 WALL WITH NO WINDOWS AT A MINIMUM IS AN R19; ARE WE NOT "SLICING HAIRS" WHEN IT COMES TO THE WINDOWS? WHAT WILL BE THE INDUSTRY COST, JOB COST, ANF COST OF PRODUCT TO MOVE THAT R VALUE BY 1.212 POINTS??

IN SUMARY; WOULDN'T IT BE BETTER TO FINE TUNE CLIMATE ZONES AND LOOK HARDER AT BUILDING ENVELOPE AS A WHOLE? RELOOK AT RESCHECK? RIGHT NOW WHEN WALLS AND WINDOWS ARE UNDER PERFORMING; THE SOLUTION IS MORE ATTIC INSULATION. I DO NOT THINK "ROBBING" FROM ONE AREA AND PUTTING IT BACK IN ANOTHER IS VERY EFFICIENT.

THANKS,

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