

Dear Mr Renouf

Am emailing you with some of my observations of your RENSHADE product.

I am a retired residential builder (Registered Building Practitioner No DBU-24301) & have an interest in Thermal Efficiency as applied to residential construction. The apartments I constructed all had a 6 star energy rating. To be fair, this rating was mainly achieved via the reduction of glazing areas.

SUMMER REDUCTION OF RADIATED HEAT INGRESS:

I initially installed the RENSHADE on my North & West glazing (nil East windows in my property). Found it easy to cut along the line of the holes.

Perceived Benefits:

1. Outside temp reading 30 C, inside 24 C.
2. Glare 100 % deleted, enabling me to read in my lounge without having to pull the blinds on my westerly windows.

After being surprised by the size of the temp variation, I decided to install the RENSHADE on my South windows, to see if they would stop the **non radiated ambient** heat ingress (convection & conducted heat transfer). After moving my thermometers I obtained the same 30/24 C readings.

WINTER REDUCTION OF HEAT EGRESS:

Now having RENSHADE on 100 % of my glazing I decided to measure the temp variations at 7am. The results were: Outside 12C Inside 17C. Note: this was without my roller blinds being lowered.

OTHER OBSERVATIONS:

1. Even though the RENSHADE has 11% of the area letting in light, the perceived light transmission seems like say 35 %. This level of light together with the glare/fading removal makes for pleasant living conditions. I am using my lounge room for more hours per day.
2. I understand that this product was mainly designed to be a summer radiated heat ingress reducer, but I am now keeping all of my RENSHADE installed all year except for the Northerly windows in June to October, to gain the winter heat egress reductions.

I enclose some photos of both west & south windows.

Regards

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