

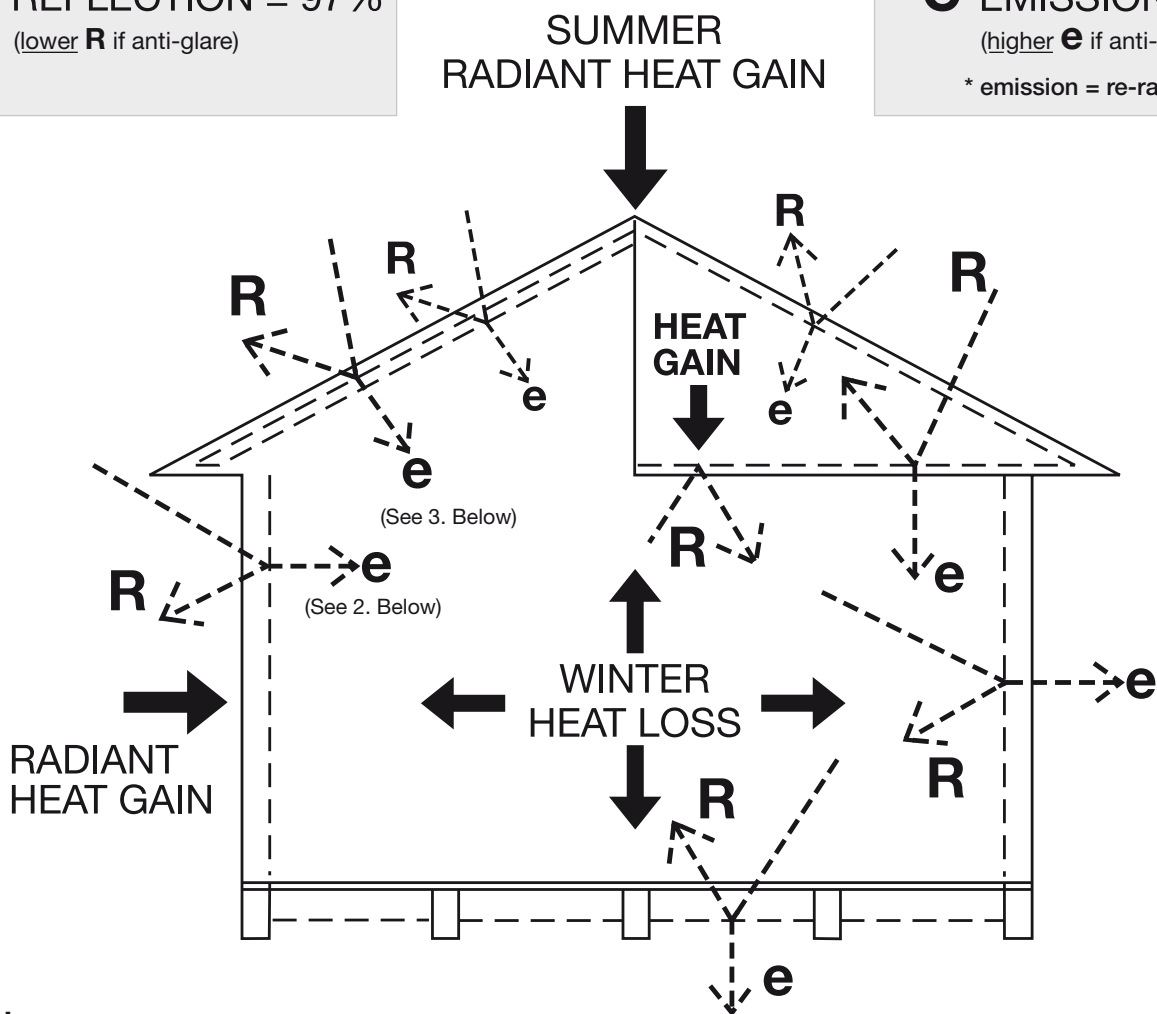
RADIATION RESISTANCE CAPABILITIES OF DOUBLE-SIDED ALUMINIUM FOIL INSULATION MATERIALS

* CONDITIONAL ON EXISTENCE OF ADJOINING AIRSPACES

EXPRESSED AS "REFLECTION" AND "EMISSION"

R REFLECTION = 97%
(lower **R** if anti-glare)

e EMISSION = 3%
(higher **e** if anti-glare)
* emission = re-radiation



NOTES:

- 1). CONCERTINA FOIL BATTs, being double-sided foil: REFLECTION and EMISSION functioning in all positions.
- 2). Single-sided (anti-glare) roll foil: REFLECTION or EMISSION is functioning, but not both.
Walls: in summer, only low emission occurring, but will cease if R1.5-2.5 batts press against foil.
CONCERTINA FOIL BATTs replace fibre wall batts and allow house wrap foil to function.
- 3). Sloping ceilings: in hot climates, two foil radiant barriers needed eg. roll foil + CONCERTINA FOIL BATT