

## SECTION 9.36 TRADE-OFF CALCULATION HELPER for construction in accordance with ABC2014:B:9.36.2.11

TRADE-OFF COMPLIES WHEN SUM OF PROPOSED 'A / Rp' VALUES IS NO GREATER THAN SUM OF REFERENCE 'A / Rr' VALUES

For ABOVE-GROUND OPAQUE ASSEMBLIES TRADE-OFF:

Locate the effective thermal resistance "ETR" (RSI) for the assembly in Table 9.36.2.6.A. (No HRV in building) or 9.36.2.6.B (with HRV)

"ETR" reduction must result in any wall or joist-type roof assembly no less than 55% of RSI per 9.36.2.6.A. or B., if applicable

"ETR" reduction must result in floor over unheated space, or non-joist-type roof no less than 60% of RSI per 9.36.2.6.A. or B., if applicable

Assemblies with embedded heating cables, pipes or membranes may not be traded under 9.36.2.11.

Assembly type and location		REFERENCE ASSEMBLY		PROPOSED ASSEMBLY		
		Roof/wall/floor Area A (sq.m.)	ETR RSI Reference Rr	ETR RSI Proposed Rp	Proposed A / Rp	
1	Walls (Typ.)	64	2.97	3.10	20.50	
2	Tall Walls	30	2.97	2.81	10.71	
3						
4						
DOES TRADE-OFF COMPLY?		Yes	SUM:	31.5253	SUM:	31.2050