



Change Request Ruling

Change Request: 4.4.2 Minimum Effective Thermal Resistance of Opaque Assemblies

ID #: CR-000015

Submitted By: Tommy Youngsung Byun

Submitted On: December 6, 2022

Ruling Date: January 23, 2023

Ruling: **Change Request Declined.**

Reason for Change Request and Recommended Alternative: One of my net zero projects is wanting to not insulate the slab between garage & the living space above because the garage is going to be heated. Currently, under the Energuide Rating System, garage is considered a buffered unheated space, regardless of whether it is actually heated or not. I propose to create a separate minimum R-value requirement for "floors over heated garage", with a minimal R-value, or no R-value requirement at all, as long as it is proven to be an "airtight" assembly, to prevent any vehicle exhaust to enter the living space above. Solution: To add this as part of the technical requirement, I propose that all the assemblies to the exterior from the garage to achieve the minimum R-value requirement as well (wall, roof & slab, etc.) Solution: To add this as part of the technical requirement, I propose that all the assemblies to the exterior from the garage to achieve the minimum R-value requirement as well (wall, roof & slab, etc.)

Additional Comments / Actions: 8 votes No. 0 votes yes.

Program Participants may use the amendments once they are posted - prior to the official version update.