



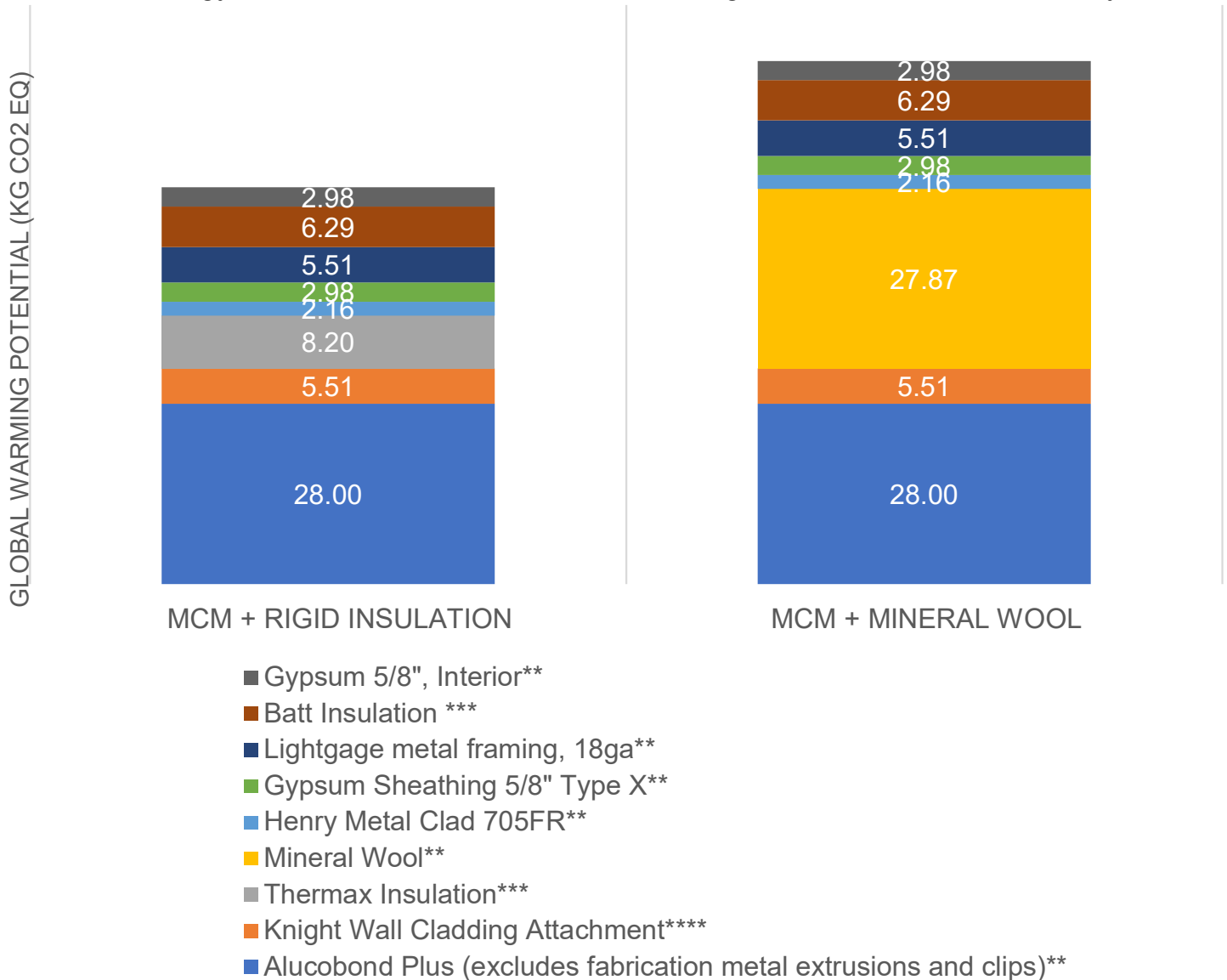
BUILDING ENVELOPE REPRESENTATIVES

# Embodied Carbon Summary

## MCM with Rigid Continuous Insulation and Metal Stud Back-up 2021 IBC, IECC + MA Stretch Energy Code

Revised: October 2024

Approximately 30% of all global carbon emissions are attributed to the building sector, with at least 8% resulting from the manufacturing of construction materials.\* This analysis compares embodied carbon of exterior envelope building materials associated with raw material supply and manufacturing (measured in global warming potential (kg CO2 eq) A1-A3) and scaled to quantify embodied carbon of materials to meet MA Stretch Energy Code. See PACE Wall Basis of Design sketch SK-01 for assembly.



\* Carbon Leadership Forum, \*\*Industry Wide EPD, \*\*\*Manufacturer Specific EPD, \*\*\*\*Estimate