

City of Boulder 2012 IECC Commercial Reroof Insulation Requirements

All roofing replacements require a Class A fire rated roof assembly.

1. If a reroof is proposed for a building which does not expose the existing insulation in the attic or roof assembly, additional insulation is not required.
2. If a reroof is proposed for a building which does expose existing insulation in the attic or roof assembly, insulation is required to be installed in one of the following ways:
 - a. Add insulation to fill the existing roof cavity, or to within one inch of ventilated roof sheathing
 - b. A continuous R-30
 - c. A total of R-38 attic insulation or a combination of attic and continuous
3. If a reroof is proposed for a building with an un-insulated attic or roof assembly, insulation is required to be installed in one of the following ways:
 - a. A continuous R-30
 - b. A total of R-38 attic insulation or a combination of attic and continuous
4. If a reroof overlay is proposed for a building with an insulated attic or roof assembly, a pre-roof inspection is required to verify only one roof exists which has not been compromised by water infiltration and will provide an acceptable base for the proposed overlay. This inspection will also verify existing insulation conditions and whether additional insulation requirements apply.
5. If a reroof overlay is proposed for a building with an un-insulated attic or roof assembly, a pre-roof inspection is required to verify only one roof exists which has not been compromised by water infiltration and will provide an acceptable base for the proposed overlay. Insulation is required to be installed in one of the following ways:
 - a. Add insulation to fill the existing roof cavity, or to within one inch of ventilated roof sheathing
 - b. A continuous R-30
 - c. A total of R-38 attic insulation or a combination of attic and continuous