



COMMERCIAL REBATE PROGRAM Building Envelope Rebate Requirements

The building envelope includes the roof, ceiling, and windows of a building. The envelope is responsible for much of the heat absorption during the hot summer months.

● Roof and ceiling insulation

Roof and ceiling insulation reduce cooling loads and expenses and increase comfort for building occupants. Insulation prevents the flow of heat through a space and prevents outside drafts and air leakage from unconditioned spaces. The result is improved indoor air quality.

Ceiling insulation

Rebate requirements:

- Existing ceiling and roof system must have an overall R-value of R-11 or less.
- The insulation added to the ceiling system must be R-8 or greater.
- Blown-in or loose-fill insulation placed above a lay-in ceiling does not qualify.
- Air conditioning supply and return paths located above the ceiling must be ducted.
- Furr-down and knee-wall cavities must be insulated.
- The area where insulation or a roof coating will be added must be over a mechanically cooled space.
- Austin Energy guidelines and rebate levels are subject to change without notice.

Roof insulation

Rebate requirements:

- Existing roof system must have an overall R-value of R-11 or less.
- The insulation must be installed between the roof surface and the conditioned space.
- The insulation added to the roof system must be R-8 or greater.
- Austin Energy guidelines and rebate levels are subject to change without notice.

● Reflective roof coating

Reflective roof coatings are highly reflective surfaces (applied membranes or sprayed on coatings) that reflect incoming solar radiation. This type of coating greatly reduces the surface temperature of the roof system. Additionally, the coating reduces the heat load of the building, resulting in energy savings and greater occupant comfort.

Rebate requirements:

- Existing roof must not be a reflective roof.
- The reflectiveness of the coating or the integrated, white, single-ply membrane must be measured by test method ASTM E424-71, ASTM E903-96 or a solar spectrum reflectometer and have a minimum reflectivity of 75%.
- Rebate application must be submitted before the new equipment is installed. Application must be accompanied with an invoice, warranty statements, and the manufacturer's product information stating the rated R-value and stating that it was manufactured without CFCs. For reflective roof coatings, submit the ASTM test result data verifying the 75% reflectivity.
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● **Window coverings: solar screens/solar film**

Solar heat radiating through windows and roofs of your building increases the air conditioning load and makes building occupants uncomfortable. Window treatments such as window film or solar screens can reflect up to 80% of incoming solar radiation.

Rebate requirements:

- Rebates will be paid on actual square footage of glass that encloses a mechanically conditioned space.
- Minimum 1-year warranty.
- Rebate application must be submitted before the new equipment is installed. Application must be accompanied with an invoice, labor and materials warranty statements and the manufacturer's product information with the rated shading coefficient.
- Eligible windows can be clear or factory tinted, single or double-pane and shaded no more than 50% by exterior shading during the months of May through October.
- Eligible window orientations are south, east, west, southwest, southeast and northwest.
- Windows with existing deteriorated window film will be offered rebates under the "tinted" window category.
- Treatment must be permanently affixed to the glass (film) or window frame (screen).
- Treatment must have a shading coefficient rating of 0.45 or less
- Installation must be warranted for one year and the materials for five years.
- Austin Energy guidelines and rebate levels are subject to change without notice.