



Washington County MARYLAND

DIVISION OF CONSTRUCTION

2018 IECC Residential Energy Efficiency Code

All new residential one and two family dwellings and additions to existing one and two family dwellings must comply with the residential provisions of the 2018 IECC unless the building is considered a "Low Energy Building" as defined in Section R402.1. Additions, alterations, renovations or repairs to single family dwellings can comply with the code without requiring the unaltered portion(s) to comply. An addition shall be deemed to comply with the code if the addition alone complies or if the existing building and addition comply with the code as a single building.

In addition to the mandatory provisions of the code, the Department must be advised by the applicant of the chosen compliance path by checking the applicable box. Additional detailed information on the mandatory provision and the provisions within each compliance path can be found in the Washington County Energy Code Compliance Check List. If the Prescriptive UA Alternative path or the Performance Path is chosen additional documentation must be attached to demonstrate compliance.

Mandatory Requirements

All provisions must be complied with regardless of the compliance path that is chosen.

Prescriptive Compliance Path

Choose one of the three available options

Performance Option Requirements

Must submit compliance Documentation

OR

Prescriptive R- value

OR

Prescriptive U- value

OR

Prescriptive UA Alternative

Must Submit Compliance Documentation

Climate Zone	Fenestration U-Factor	Skylight U-Factor	Glazed Fenestration SHGC	Ceiling R-value	Wood Frame Wall R-value	Mass Wall R-value	Floor R-value	Basement Wall R-value	Slab R-value & Depth	Crawl Space Wall R-value
4 Except Marine	0.35	0.55	0.4	49	20 or 13+5	8/13	19	10/13	10, 2ft	10/13

Climate Zone	Fenestration U-Factor	Skylight U-Factor	Ceiling U-Factor	Wood Frame Wall U-Factor	Mass Wall U-Factor	Floor U-Factor	Basement Wall U-Factor	Crawl Space Wall U-Factor
4 Except Marine	0.35	0.55	0.026	0.060	0.098	0.047	0.059	0.065

Plan review at time of permit application

In field inspections to verify compliance

Applicant/Project Information

New Single Family Dwelling: or Addition:
 Addition is thermally isolated from existing construction.

Permit Applicant: _____ Date: _____

(Signature)

(Print Name)

Permit Number: _____

Additional documentation received for Prescriptive UA Alternative Path or Performance Compliance Path Option: