

NORTH CAROLINA ENERGY CARD FOR NEW CONSTRUCTION			INSULATION RATING (list the value that covers the largest area to all that apply)	
PERMIT HOLDER/BUILDER NAME:			CEILING/ROOF:	R-
SIGNATURE:			WALL:	R-
PROPERTY ADDRESS:			FLOOR:	R-
DATE:			CLOSED CRAWL SPACE WALL:	R-
PERMIT #:			CLOSED CRAWL SPACE FLOOR:	R-
COMPONENT			SLAB:	R-
CRITERIA			BASEMENT WALL:	R-
INT			FENESTRATION (Windows):	
CEILING/ATTIC	Sealants or gaskets provide a continuous air barrier system joining the top plate of the framed walls with either the ciling drywall or the top edge of wall drywall to prevent air leakage. Top plate penetrations are sealed. **For ceiling finishes that are not air barrier systems such as tongue-and-groove planks, air barrier systems (ex: taped house wrap) shall be used above the finish. NOTE: It is acceptable that sealants or gaskets applied as part of the application of the drywall will not be observable by the code official.**			
WALLS	Sill plate is gasketed or sealed to subfloor or slab.		U-FACTOR:	U-
WINDOWS/DOORS	Space between window and exterior door jambs and framing is sealed.		SOLAR HEAT GAIN COEFFEICIENT (SHGC):	SHGC-
FLOORS (INCLUDING ABOVE GARAGE AND CANTILEVERED FLOORS)	Air barrier system is installed at any exposed edge of insulation.		BUILDING AIR LEAKAGE (check which appliances)	
PENETRATIONS	Utility penetrations throught the building thermal envelope, including those for plumbing, electrical wiring, ductwork, security, and fire alarm/control wiring, shall be sealed.		<input type="checkbox"/>	VISUALLY INSPECTED ACCORDING TO 402.4.2.1
GARAGE SEPERATION	Air sealing is provided between the garage and conditioned spaces. An air barrier system shall be installed between the ceiling system above the garage and the ceiling system of interior spaces.		<input type="checkbox"/>	BUILDING AIR LEAKAGE TEST RESULTS SEC 402.4.2.2
DUCT BOOTS	Sealing HVAC register boots and return boxes to subfloor or drywall.		DUCTS	
RECESSED LIGHTING	Recessed light fixtures are air tight, IC rated, and sealed to drywall. Exception-Fixtures not penetrating the building envelope.		INSULATION:	R-
CERTIFICATE TO BE PERMANENTLY DISPLAYED IN ELECTRICAL PANEL, CABINET, OR ATTIC			TOTAL DUCT LEAKAGE TEST RESULT (SECT 403.2.2) (CFM25 TOTAL/100SF) [TARGET: 6CFM OR LESS]	