



R VALUE OF INSTALLED INSULATION

(for all buildings of residential occupancy)

Project Address: _____ Building Permit No: _____

Insulation Contractor: _____ Telephone: _____

Building Assembly	R Value Required	Installed R Value	Product Used
Attic Space	40		
Roof Joist Assemblies (Cathedral Ceilings/Flat Roofs)	28		
Frame Walls (including frame crawl space walls)	20		
Suspended Floors (framed)	28		
Suspended Floors (concrete slab)	12		
Foundation Walls (insulation to 600 mm below grade)	12		
Unheated Concrete Slabs on Ground at or above grade (insulation around edge of slab and 500 mm vertical or horizontal from bottom edge of slab)	10		
Radiant Heating Slabs on Ground (insulation under all slab area and around edge of slab)	12		
Radiant Heating Suspended Floor Assembly Over Heated Area (insulation between heated floor and heated area below)	12		

Notes:

1. R value of attic Insulation may be reduced for a distance of 1m (39") from the exterior wall to a value not less than the wall insulation.
2. The top edge of Insulation between the slab edge and foundation wall may be protected with a pressure treated preserved wood filler strip not more than 50 mm thick (typically 2" x 3" on flat above R12 insulation).
3. Rigid Insulation in contact with the ground must be approved for such use.
4. Specify manufacturer and product name, e.g. Dow, SM.
5. These requirements may be modified where computer modeling or engineering principles are used to show that the heat loss of the building will not exceed that which would result from the use of the R values In this table.

Signature of Installer

Date

SEE OVER FOR **NON RESIDENTIAL** OCCUPANCY



R VALUE OF INSTALLED INSULATION

(for all buildings **OTHER THAN** residential occupancy)

Project Address: _____ Building Permit No: _____

Insulation Contractor: _____ Telephone: _____

Building Assembly	R Value Required		Installed R Value	Product Used
	Heated	Semi heated ⁽¹⁾		
Roof Insulation				
Above deck	15 ^{ci}	5 ^{ci}		
Metal building ⁽²⁾	19	10		
Attic or other	30	19		
Walls, Above Ground				
Mass	7 ^{ci}	-		
Metal building ⁽²⁾	13	10		
Steel Framed ⁽³⁾	13+4 ^{ci}	13		
Wood Frame or other	13	13		
Suspended Floors				
Framed	30	13		
Concrete slab	8.5	-		

ci continuous insulation: insulation that is continuous across all structural members without thermal bridges other than fasteners and service openings. It is installed on the interior, exterior or is integral to any opaque surface of the building envelope.

Notes:

1. Semi-heated space is an enclosed space within a building that is heated by a heating system greater or equal to 10 W/m² of floor area but does not exceed 45 W/m² of floor area.
2. A building constructed primarily of a steel framed superstructure and metal skin.
3. A wall with a cavity (insulated or otherwise) whose exterior surfaces are separated by steel framing members (i.e. typical steel stud walls and curtain wall systems.)

Signature of Installer

Date

SEE OVER FOR **RESIDENTIAL** OCCUPANCY