



City of Burnaby

Building Department
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CERTIFICATE OF MINIMUM THERMAL RESISTANCE ASSEMBLIES FOR BUILDINGS OF RESIDENTIAL OCCUPANCY NOT EXCEEDING THREE STOREYS IN BUILDING HEIGHT

Site Address: _____

Building Permit #: _____

Insulating Contractor:

Name: _____

Address: _____

Phone: _____

E-mail: _____

Burnaby Business Licence Number: _____

R VALUE OF CONSTRUCTION ASSEMBLY FOR CLIMATE ZONE 4

Building Assembly	Minimum R Value	Installed R Value
Attic Spaces (1)	R 40	
Roof Joist Assemblies (Cathedral Ceilings/Flat Roofs)	R 28	
Frame Walls (2) (including frame crawl space walls)	R 20	
Suspended Floors (Framed) - over unheated spaces	R 28	
Foundation Walls	R 12	
Unheated Concrete Slabs Above Frost Line (A)	R 12	
Unheated Floors Below Frost Line	N/A	
Radiant Heating Slabs on Ground (insulation under all slab area and around edge of slab)	R 12	

(1) The thermal resistance rating of attic space insulation may be reduced for a distance of:

4' from the exterior wall in buildings where the thermal resistance rating of the wall below is not required to exceed R20.

(2) Stud/Frame type wall construction. This is not intended to apply to masonry, log or construction without a cavity.

(3) Not applicable when heating elements or piping are located within a concrete topping on a suspended floor assembly or within an internally heated suspended slab.

(4) Unheated floor slabs must be insulated minimum 1.2 m horizontally or vertically down from its perimeter with a thermal break along edge of slab a minimum of 50% required insulation.

NOTE: ALL MANUFACTURERS' CODING/THICKNESS/R-VALUES MUST BE VISIBLE WHEN THE INSULATION MATERIALS ARE INSTALLED.

(Date)

(Signature)