

<b>Installation of Insulation to Floors; Residential Only</b>	<b>Activity No.</b>
	<b>BS1D</b>

## 1. ACTIVITY SPECIFIC DEFINITIONS

**Habitable Room** means any space that can be occupied within a class 1 or class 2 dwelling (as defined by the National Construction Code). This does not include any attached garages, sheds or the like

**Ground floor** means the lowest floor of a habitable room within a residential premises that sits immediately above a subfloor space. Ground floors do not include concrete floors or floors that separate habitable rooms.

**Uninsulated ground floor** means a ground floor without insulation. For the purposes of this activity, ground floors with single sheet reflective foil sarking materials hung beneath the flooring are NOT deemed to be uninsulated ground floors.

**Insulation Area** means the area of floor space where by insulation is to be installed by this activity. It is expressed as square metres (metres x metres).

## 2. ACTIVITY DESCRIPTION (SUMMARY)

Installation of insulation to an uninsulated suspended ground floor

## 3. ACTIVITY ELIGIBILITY REQUIREMENTS

- (1) A residential premises subject to this activity must contain an uninsulated ground floor or part thereof.
- (2) Where only part of an uninsulated ground floor is to be insulated then living areas must be insulated as a priority, followed by bedrooms.
- (3) The installation of floor insulation must not be otherwise required by law, for example as condition of a development approval under the *Development Act 1993*.
- (4) A recipient of this activity must cause payment to the installer for the goods and services provided, with minimum payment requirements being:
  - \$2 per square metre for priority group recipients (including GST)
  - \$5 per square metre for non-priority group recipients (including GST)
- (5) A valid tax invoice must be retained for verification purposes, clearly showing the completion date, the address that the insulation was installed in, the name and contact details of the person billed for the installation, and the amount charged for the installation.

## 4. INSTALLED PRODUCT REQUIREMENTS

The installed product must:

- (1) Comply with the performance requirements of the effective version of AS/NZS 4859.1
- (2) Have a minimum R value of R2.5
- (3) Comply with any product safety or other product performance requirements in a relevant code of practice or other relevant legislation applying to the activity.

- (4) Be fit for the purpose for which it is intended to be used.
- (5) Come with a minimum 5 year product warranty

## 5. MINIMUM INSTALLATION REQUIREMENTS

- (1) The insulation product used must be installed in compliance with the effective version of AS 3999, AS/NZS 3000 (as required) and the NCC Section J1.2. In particular, the safety, pre-inspection and risk assessment procedures, electrical safety provisions and provisions for limiting moisture ingress of AS 3999 shall be observed.
- (2) The insulation product must be securely fixed in place and adequately supported to ensure that the product will remain in its intended position throughout the life of the product
- (3) The activity must be completed and certified in accordance with any relevant code or codes of practice and other relevant legislation applying to the activity, including any licensing, registration, statutory approval, activity certification, health, safety, environmental or waste disposal requirements;
- (4) Photographs of the activity in its location (date and location stamped), before and after the upgrades that coincide with the location are required for record keeping and verification.
- (5) The business or person undertaking the activity must have a building work contractor license which includes insulation within its scope of activities under the *Building Work Contractors Act 1995*.
- (6) The activity must be overseen by a supervisor who is registered to undertake insulation installation work with Consumer and Business Services.
- (7) Any person installing insulation as part of this activity must hold a construction industry 'White Card'.

## 6. ACTIVITY ENERGY SAVINGS

The normalised energy saved from undertaking this activity is equal to:

Normalised Energy Savings (GJ) = Savings Factor (as per table below) x Insulation Area (m<sup>2</sup>)

Activity	Savings Factor
NCC Zones 4&5	<b>0.05609</b>
NCC Zone 6	<b>0.18458</b>