

Installation of Polygold® Health and Safety Recommendations

Health and safety during home insulation installations is of paramount importance. Please read and follow the information contained in this document prior to and during installation. All work must be carried out in accordance with the Health and safety Employment Act 1992 (HSE Act) and the NZBC.

Protective clothing

During installation, the following Protective clothing should be worn:

- Air purifying respirator P1 (dust masks are ineffective)
- Nylon Overalls or loose fitting long sleeved garments
- Gloves
- Kneepads
- Light Shoes

Site procedure

- Ensure others working on the site are aware of your position at all times
- Ensure the site is maintained in a tidy hazard-free manner
- Carry a cell phone
- Determine whether asbestos is currently installed and if so report this immediately to your local territorial authority for further instructions.
- If asbestos is present, DO NOT commence installation

Ceiling insulation installation

- It is recommend that two persons work together to install ceiling installation
- Use a high quality lockable step-ladder
- Set up adequate knighting so as to avoid falling through the Joists
- Walk only on joists. Do not walk elsewhere. If using boards for kneeling on, ensure these cover at least two joists
- Check for sharp objects and penetrations such as nails in the framework or possibly protruding through the roof material
- Check for Bee and Wasp nests
- Heat exhaustion can occur rapidly when working in close ceiling space areas. Drink plenty of fluids, keep hydrated and have regularly spell intervals

Electric cables and Electricity

- Electric cables and equipment partially or completely surrounded with bulk thermal Insulation may overheat and fail. This applies to wiring installed prior to 1989. If this is the case consult Alsynite for specific instructions
- In older houses be careful as not to place insulation over electrical cables. When retro-fitting insulation and where possible, lift the cables over the insulation. Care should be taken with older cables to avoid damaging the electrical insulation covering
- The main risk of electrical shock is serious injury or death, along with damage to household electrical appliances. Check for exposed wires. Do not staple or strike electric cables. Ensure all power tools are connected to a Residual Current Device. If any electrical faults are found, call a registered electrical prior to commencing the project

Dust inhalation and Skin Irritation

Polygold® is relatively dust free; however during the manufacturing process some dust particles will remain and can cause respiratory and skin irritation. If this occurs refer to the First Aid section in this document.

Possible reactions:

Inhalation

- Irritation of the upper respiratory tract (scratchy throat), coughing and congestion may occur in extreme exposures

Skin

- Temporary irritation (itching) or redness may occur

Ingestion

- This product is not intended to be ingested (eaten).
- If ingested, may cause temporary irritation to the Gastrointestinal (digestive) tract

Eyes

- Temporary irritation (itching) or redness may occur

Target organs

- Nose (nasal passages), Throat, Lungs. Skin, eyes

Primary Routes of entry (exposure)

- Inhalation (breathing dust), skin and eye contact

Medical condition aggravated by exposure

- Pre-existing chronic respiratory, skin, or eye diseases or conditions.

First Aid

Inhalation

- Remove to fresh air,
- drink water to clear throat,
- blow nose to remove dust

Skin

- Wash gently with soap and warm water to remove dust.
- Wash hands before eating or using the Restroom

Ingestion

- Product is not intended to be ingested or eaten.
- If this product is ingested, irritation of the gastrointestinal tract may occur and should be treated symptomatically.
- Rinse mouth with water to remove fibres
- Drink plenty of water to help reduce the irritation.
- No chronic effects are expected after ingestion.

Eyes

- Do not rub or scratch eyes.
- Dust particles may cause the eye to be scratched.
- Flush eyes with large amounts of water for 5-15 minutes.
- If irritation persists, contact a medical professional.

Notes to physician

This product is a mechanical irritant, and is not expected to produce any chronic health effects from acute exposures.

TECHNICAL HELP

PH 0800 ALSYNITE (0800 257 964)