

Soffit Installation of: PerformINS HD Plus Insulation Blanket FACED GLASSWOOL ROLL



INTRODUCTION

This Installation Guide applies to PerformINS HD Plus Insulation Blanket supplied in faced roll form for under soffit, wall and behind decorative panelling applications.

GENERAL INFORMATION

PerformINS HD Plus Insulation Blanket complies with AS/NZS 4859.1: 2018 Materials used in the Thermal Insulation of Buildings and complies with the Building Code of Australia (BCA) requirements.

- Prior to installation, calculate the amount of insulation and fixings required for the installation.
- Avoid gaps in the insulation, other than where required, around electrical fittings or as specified.
- Avoid compressing or over fixing insulation as this will reduce the thermal performance of the installation product.
- Avoid using multiple small offcuts to fill single areas and opt for larger single pieces, purpose-cut to fill larger gaps.
- All insulation shall be installed in accordance with AS 3999.
- Refer to latest ICANZ Installation Handbook Part 2: Professional Installation Guide for further information and tips.
- Ensure that all safety assessments are carried out relevant to the project and all site safety requirements are strictly adhered to.

IMPORTANT NOTICES

- Do not under any circumstances cover Fire Sprinkler Pipes or Fire Sprinkler Heads.
- Electric cables and equipment partially or completely covered with bulk thermal insulation may overheat and fail. Refer to AS 3999.
- Prior to and during installation the insulation must be kept dry.
- Where cutting is required, use a sharp knife and straight edge, cutting with power tools is not recommended.
- PerformINS products are not designed to withstand weathering; hence, ceilings or wall lining should be applied without delay. These insulation products are not suitable for applications where subject to wetting or excessive moisture.

INSULATION AND ACCESSORIES REQUIRED

- Measure the square metres of area to be insulated.
- Coverage of each PerformINS HD Plus Blanket is provided on the relevant Technical Data Sheet.
- Divide the area to be insulated by the coverage per roll/s to determine the number of roll/s to order.
- Roughly sketch out the layout of the rolls to determine the number of boards, amount of tape required, and fixings.
- Allow for wastage. As a general rule, allow for 5% wastage for simple areas and greater allowances for more complex areas.

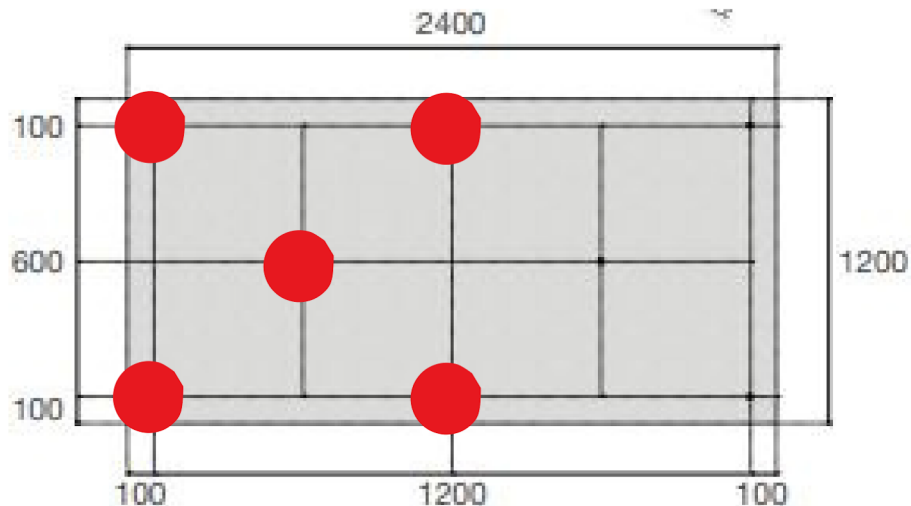
TAPE ACCESSORIES

- The recommended tape for PerformINS HD Plus Blanket is Eureka Pressure Sensitive 72mm Reinforced Aluminium Foil Insulation Tape. Use Eureka Product Code : 49672

CONCRETE SOFFITS AND WALL APPLICATIONS

- Where required, use a sharp knife and straight edge to cut the material to the required size.
- Cut blankets against a firm straight surface where no electrical cables or services exist, (clean bench or board).
- Ensure the glasswool face is in continuous contact with the concrete slab.
- Butt the rolls closely together to ensure there are no gaps left at joints.
- No exposed glasswool fibres should be present. Services, joints and the like are to be taped and sealed accordingly. Seal around any penetrations using Eureka Pressure Sensitive Reinforced Aluminium Insulation Tape.
- Prior to any tapes being installed, wipe down area to be taped to ensure any dust that may have settled on the boards do not inhibit tape adhesion.
- PerformINS may be fixed to the underside of the concrete slabs using suitable fixings such as pin fasteners, drive fasteners etc. Select the appropriate pin length to prevent compressing the insulation.
- Consultation with the chosen fastener supplied is recommended.
- Seal around any penetrations using Eureka Pressure Sensitive Reinforced Aluminium Insulation Tape.
- As **Figure 1** below illustrates, fixings should no more than 100mm from the material edges, at intervals not more than 600mm apart, centre pin off-set.

Figure 1: Fixing should be installed no more than 100mm from edges at intervals not more than 600mm apart, centre pin off-set.
FIGURE 5 DICE PATTERN



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