



TECHNICAL STATEMENT

DESCRIPTION

PolyKing Polyester Insulation is a polyester thermal insulation for use under floors of buildings.

SCOPE

PolyKing Polyester Insulation has been designed as a thermal insulation material for under floors of buildings within the following scope:

Framed or part framed domestic and commercial buildings where the insulation remains dry and serviceable.

New Zealand Building Code (NZBC)

In the opinion of BRANZ, PolyKing Polyester Insulation if designed, used, installed and maintained in accordance with the Manufacturer's installation instructions, will meet or contribute to meeting the following provisions of the NZBC:

Clause B2 Durability: Performance B2.3.1(a) not less than 50 years and B2.3.1(b) 15 years and B2.3.2. PolyKing Polyester Insulation will meet these requirements.

Clause E3 Internal Moisture: Performance E3.3.1. PolyKing Polyester Insulation will contribute to meeting this requirement.

Clause F2 Hazardous Building Materials: Performance F2.3.1: PolyKing Polyester Insulation meets this requirement and will not present a health hazard to people.

Clause H1 Energy Efficiency: Performance H1.3.2.(e) PolyKing Polyester Insulation will contribute to meeting these requirements. PolyKing Polyester Insulation has been designed as an ACCEPTABLE SOLUTION in terms of New Zealand Building Code compliance. PolyKing Polyester Insulation thermal resistance (R-value) has been determined by testing to AS/NZS 4859.1 which is an acceptable method.

OTHER CONDITIONS OR LIMITATIONS

PolyKing Polyester Insulation must be installed in accordance with the manufacturers Technical Literature and NZS 4246:2006: Energy Efficiency – Installing Insulation in Residential Buildings, to meet the stated thermal performance rating of the insulation.

TECHNICAL LITERATURE

For a copy of the Technical Literature please contact The Manufacturer.

THE MANUFACTURER

Terra lana Products Limited

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Bromley

Christchurch