

GLASSWOOL THERMATEL (44kg/m³)

INTRODUCTION

Bradford Thermatel can be used as both external and internal insulation on plantrooms and process vessels for both thermal and acoustic insulation

PRODUCT DESCRIPTION

Bradford Thermatel is manufactured by spinning molten glass, containing up to 80% recycled content, into fine wool like fibres.. These are bonded together using a thermosetting resin. The product can be identified by its golden appearance.

APPLICATIONS

Thermatel is designed for the economic insulation of risers, plant rooms and silencers that require a higher thermal performance than standard insulation products.

Typical applications include:

- Plant rooms;
- Process vessels
- Generation equipment
- Small industrial ovens

All Bradford sales offices are able to provide detailed instructions on how to install Thermatel so that dramatic thermal and acoustic benefits are achieved.

SKU TABLE

| Nominal Thickness (mm) | Nominal Length (M) | Nominal Width (mm) | Nominal Coverage (m ²) | Weight (kg) |
|------------------------|--------------------|--------------------|------------------------------------|-------------|
| 25 | 15 | 1200 | 18.0 | 19.8 |
| 50 | 7.5 | 1200 | 9.0 | 19.8 |

BENEFITS

- Easily handled
- Higher compressive strength
- Resists damage
- Maximum performance at minimal thickness
- Provides both energy and cost savings
- Biosoluble material - safe to use
- Approved for use on site by the Unions

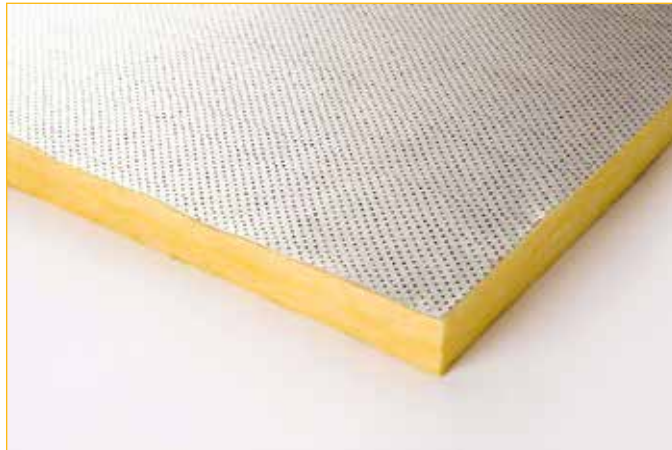
AVAILABLE FACINGS

Standard factory applied facings are available. Various grades of Thermafoil as well as black or plain glass tissue can be adhered to Thermatel to meet the needs of the application. Please contact your nearest Bradford sales office with your requirements.

HEALTH AND SAFETY

This product is manufactured to the latest Fibre Bio-Soluble (FBS-1) Glasswool formulation and is not classified as hazardous according to the criteria of the ASCC (formally NOHSC) guidelines. For further information refer MSDS sheet on Bradford website.

GLASSWOOL THERMATEL



PHYSICAL PROPERTIES

| | | |
|-----------------------------|--|--|
| Density | | 44kg/m ³ |
| Maximum Service Temperature | | Glasswool: 480°C; Facing 70°C |
| Thermal Conductivity | Based on measurements made in accordance with AS2464:5 part 5 and 6 | |
| Fire Hazard Properties | When tested in accordance to AS/NZS 1530.3:1999 | <ul style="list-style-type: none"> • Ignitability: 0 • Spread of flame: 0 • Heat Evolved: 0 • Smoke Developed: 1 |
| Corrosion Resistance | When tested in accordance with BS3958.5:1969 | pH 7.5-8.0 Incapable of corroding steel |
| Moisture Absorption | When left in a controlled atmosphere of 50°C and 95% relative humidity for four days | Less than 0.2% by volume |
| AS4859 Compliance | Complies with AS/NZ4859.1 "Materials for the thermal insulation of buildings" | Complies |
| Sample Specification | | The insulation material shall be Bradford Thermatel Glasswool of thickness () mm faced with (Specify facing). For installation specifications refer to the relevant Application Brochure in the Bradford Insulation Building Literature series. |