

# Sisalwool 50

## Datasheet



Inspired by nature's ability to be strong and gentle all at once, Sisalwool natural fibre insulation boasts superior breathability and exceptional usability.

- **Contents:** 40% sisal, 40% sheep's wool, 20% bi-co binder
- **Vapour Permeable:** allowing traditional stone buildings to breathe and moisture to transfer
- **Flexible Fitting:** can be friction-fitted between rafters, ceiling joists, floor joists and studwork
- **Safe to Touch:** can be handled safely, comfortably and does not cause skin irritation
- **Acoustic Excellence:** offers proven Class B sound absorption (more info on our Sisalwool Silent specific Datasheets)
- **Low Carbon:** using natural and circular economy materials such as recycled sisal and waste wool
- **Universally Compatible:** suitable for both new build and retrofit, including historic buildings
- **Fully Recyclable:** can be returned at end of life for reprocessing

### Product Specifications

Density	48kg/m <sup>3</sup>
Thickness	50mm
Length	1200mm
Width	370mm or 570mm



### Technical Specifications

Thermal Conductivity	BS EN 12667	W/mk	0.036
Water Absorption	EN 1609	Wp kg/m <sup>2</sup>	4.26
Water Vapour Diffusion	BS EN 12086	μ (MU)	1.13
Reaction to Fire	EN 13501-1	Euroclass	E
Sound Absorption	EN ISO 354 and EN ISO 11654	α <sub>w</sub>	0.85 (Class B)
Moth Resistance	ISO 3998 (EAD 040005-00-1201)	N/A	Pass

Note: All above values are indicative and natural variation between batches will occur.

