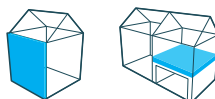


## SUPAFIL® FRAME

July 2021



### APPLICATIONS



### DESCRIPTION

Supafil® Frame is a Glass Mineral Blowing Wool, designed for use in either on-site or off-site timber frame construction, that offers excellent thermal performance. It is non-combustible with the best possible Euroclass A1 reaction to fire classification.

### PERFORMANCE

#### Thermal

Thermal conductivity: 0.033 and 0.038 W/mK dependent on the density required for the application (see below specifications table)

#### Fire

Classification: Euroclass A1 to BS EN 13501-1

#### Vapour resistivity

Water vapour resistivity: 5.00 MNs/g.m

### BENEFITS

- ✓ Multi-purpose product which can insulate a variety of timber frame applications including timber frame walls, timber rafters and integral garage soffits, maximising efficiency.
- ✓ Provides intimate contact between frames, offering a full-fill solution for a wide range of stud depths, centres and void shapes.
- ✓ Can be installed either on-site or off-site, using our innovative Supafil® Frame System, in conjunction with Supafil® Veil.
- ✓ Awarded the DECLARE 'Red List Free' label. Allows product transparency disclosure that identifies where a product comes from, what it is made of, and where it goes at the end of its life.

### SPECIFICATIONS

Product	Weight per bale (kg)	Installed density (kg/m³)	Thermal conductivity (W/mK)	Product code
Supafil® Frame	15.5	15.5	0.033-0.038	2436637

All dimensions are nominal

#### Thermal resistance values for a density of 26kg/m³

Thickness (mm)	Thermal resistance (m²K/W)	Maximum coverage per bag (m²) Contents of this bag should not cover more than:
90	2.60	6.20
140	4.10	3.98
200	5.85	2.79
300	8.80	1.86

All dimensions are nominal  
Bag net weight - nominal 15.5kg

Angle range (°)	Thermal conductivity (W/mK)	Density (kg/m³)
0 - 25	0.038	19
0 - 90	0.034	26
0 - 90	0.033	30

All dimensions are nominal

### CERTIFICATIONS, CLASSIFICATIONS AND INDUSTRY STANDARDS



## SUPAFIL® FRAME

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### ADDITIONAL INFORMATION

#### Application

Supafil® Frame is used in both new and existing structures as a Blow-In-Blanket System for closed cavity applications in which ventilation is not required. Blow-in-Blanket® System (BIBS) is a patented process consisting of unbonded glass mineral wool blown in behind Supafil® Veil which is a special netting material used in framed applications.

#### Standards

Supafil® Frame is manufactured in accordance with BS EN 14064, BS EN ISO 50001 Energy Management Systems, ISO 14001 Environmental Management Systems, and ISO 9001 Quality Management Systems, as certified by TÜV Nord. All our Glass Mineral Wool products have been awarded the DECLARE 'Red List Free' label. Having the 'Red List Free' label means that there are no ingredients in the product that are on the red list - including formaldehyde or phenol.

#### Gaps, voids and penetrations

Supafil® Frame fills all gaps and voids around service penetrations such as water pipes and any other obstructions or unusual design details, ensuring thermal and acoustic performance is maintained. Supafil® Frame allows quicker and more efficient filling of wide cavities where multiple layers of conventional slabs would normally be installed. Supafil® Frame saves installation time by minimising the steps needed to fully insulate hard to reach areas.

#### Environmental

Supafil® Frame contains no ozone-depleting substances or greenhouse gases. For further environmental information consult the relevant Environmental Product Declaration, available on our website.

#### Durability

Supafil® Frame is odourless, rot proof, non-hygroscopic, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

#### Handling and storage

Supafil® Frame is supplied in polythene packs (4LDPE) which are designed for short term protection only. For longer term protection on site, the product should be stored either indoors, or under cover and off the ground. Supafil® Frame should not be left permanently exposed to the elements.

#### Knauf Insulation Ltd

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care.