

## SUPAFIL PARTY WALL INSULATION

March 2018



### APPLICATIONS



### DESCRIPTION

Supafil Party Wall is for separating party walls and can be used as part of a full fill solution to achieve zero effective U-Value within SAP.

### PERFORMANCE

#### Fire

Classification: EUROCLASS A1 to BS EN 13501-1.

#### Vapour resistivity

Water vapour resistivity: 5.00MN<sub>s</sub>/g.m.

### BENEFITS

- ✓ Euroclass A1 non-combustible
- ✓ For separating, party walls
- ✓ Can be used in conjunction with Robust Details
- ✓ Suitable for new-build or retrofit
- ✓ Installed by approved contractors - quick and clean to install
- ✓ Injected after wall constructed, allowing empty cavity to be checked before installation

### SPECIFICATIONS

Product	Weight per bale (kg)	Installed density (kg/m <sup>3</sup> )
Supafil Party Wall	17.60	18

*All dimensions are nominal*

### CERTIFICATION



challenge.  
create.  
care.

## SUPAFIL PARTY WALL INSULATION

March 2018

### ADDITIONAL INFORMATION

#### Standards

Supafil Party Wall is manufactured in accordance with BS EN 14064-1, EN ISO 50001 Energy Management Systems, OHSAS 18001 Occupational Health and Safety Management Systems, ISO 14001 Environmental Management Systems, and ISO 9001 Quality Management Systems, as certified by Bureau Veritas.

#### Application

Supafil Party Wall is for injecting into new or existing masonry cavity party walls to prevent the party wall bypass mechanism.

#### Party Wall Bypass

This is a process whereby heat is lost through a party wall cavity due to air exchange between the party wall cavity and the external environment. Supafil Party Wall has been shown in independent field trials to effectively eliminate the air movement that causes party wall bypass in both new and existing buildings without compromising acoustic performance in existing homes, and is suitable for use with a range of Robust Details in new build homes.

#### Durability

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

#### Environmental

Supafil Party Wall represents no known threat to the environment and has zero Ozone Depletion Potential and zero Global Warming Potential. Supafil Party Wall is made from recycled glass which is inert and will not react with insulation to wiring or metal wall ties.

#### Vapour resistivity

Supafil Party Wall offers negligible resistance to the passage of water vapour and has a water vapour resistivity of 5.00 MNs/g.m.

#### Handling and storage

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

#### Colour

Supafil Party Wall has been specifically developed for installation in both new and existing homes. To ensure that the correct product is used in party separating walls, and to ensure the desired thermal and acoustic performance is provided, Supafil Party Wall is manufactured with a blue colour for easy on-site identification and to promote compliance with Robust Details.



Knauf Insulation mineral wool products made with ECOSE Technology® benefit from a no added formaldehyde binder, which is up to 70% less energy intensive than traditional binders and is made from rapidly renewable bio-based materials instead of petroleum-based chemicals. The technology has been developed for Knauf Insulation's glass and rock mineral wool products, enhancing their environmental credentials without affecting the thermal, acoustic or fire performance. Insulation products made with ECOSE Technology® contain no dye or artificial colours.

#### Knauf Insulation Ltd

PO Box 10, Stafford Road, St.Helens,  
Merseyside, WA10 3NS. UK

Customer Service: 0844 800 0135

Technical Support Team: 01744 766 666

Literature: 08700 668 660

All rights reserved, including those of photomechanical reproduction and storage in electronic media. Extreme caution was observed when putting together and processing the information, texts and illustrations in this document. Nevertheless, errors cannot quite be ruled out. The publisher and editors cannot assume legal responsibility or any liability whatever for incorrect information and the consequences thereof. The publisher and editors will be grateful for improvement suggestions and details of possible errors pointed out.

KINE1489DAT

challenge.  
create.  
care.