



December 2014

## Supafil® Party Wall

### For separating cavity walls

#### Description

Supafil Party Wall is an unbonded, non-combustible glass mineral wool insulation which requires no mixing on site.

#### 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.

### Performance

#### Thermal

Supafil Party Wall has been proven to prevent heat loss in real life testing

#### Fire

Supafil Party Wall is classified as Euroclass A1 to BS EN 13501-1

#### Acoustic

Supafil Party Wall is proven to not compromise acoustic performance in existing homes and can be used in conjunction with Robust Details in new build homes for further details see - [www.knaufinsulation.co.uk](http://www.knaufinsulation.co.uk)

### Benefits

- Provides a full fill solution ensuring that insulation is in intimate contact with both leaves of the wall
- Suitable for new-build and retrofit
- Quick and clean to install
- Installed by approved contractors
- Injected after wall is constructed (new build) allowing empty cavity to be checked before installation



Move Forward with Confidence



## Supafil Party Wall

### Standards

Supafil Party Wall is manufactured in accordance with BS EN 14064-1, BS 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

### 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.



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

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