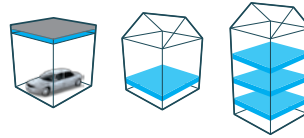


## SPRAYWOOL THERMAL AND ACOUSTIC

June 2019



### APPLICATIONS

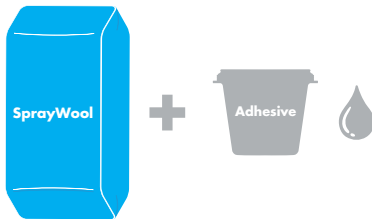


### DESCRIPTION

SprayWool Thermal and Acoustic is an unbonded, virgin glass mineral wool blowing insulation often used with various proprietary adhesives as part of a thermal or acoustic system.

**NOTE:** Knauf Insulation supplies the glasswool product only and does not supply the adhesive or overall system.

SprayWool Thermal and Acoustic is used in conjunction with an adhesive to provide a thermal solution for soffits and crawl spaces and an acoustic solution for mid-floor applications. It offers excellent thermal and acoustic performance and it is lightweight and convenient to apply. The white colour of SprayWool Thermal and Acoustic allows customers to add a colour tint in order to achieve their desired finish.



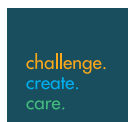
### FIRE PERFORMANCE

<b>Material Group Number</b>	Non-combustible: 1, range: 1-4.
<b>Ignitability</b>	Non-combustible: 0, range: 0-20.
<b>Flame Spread</b>	Non-combustible: 0, range: 0-10.
<b>Heat evolved</b>	Non-combustible: 0, range: 0-10.
<b>Smoke development</b>	Non-combustible: 2, range: 0-10.

### BENEFITS

- ✓ Excellent thermal performance
- ✓ Excellent acoustic performance
- ✓ Non-combustible
- ✓ Quick install
- ✓ Safe and bio-soluble
- ✓ Energy saving
- ✓ Ease of application.

### CERTIFICATION



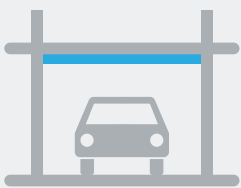
## SPRAYWOOL THERMAL AND ACOUSTIC

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### ADDITIONAL INFORMATION

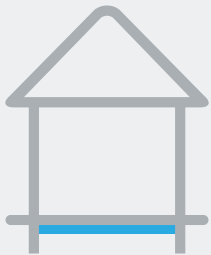
#### Applications

SprayWool Thermal and Acoustic can be used for both residential and industrial/commercial applications. It is ideal for the thermal treatment of car parks and crawl spaces under a building. SprayWool Thermal and Acoustic has excellent acoustic properties making it the ideal solution for mid-floor acoustic applications. The specially designed fibre, combined with precision-spraying technology, saves both time and cost as thicknesses of up to 200mm can be applied during a single application.



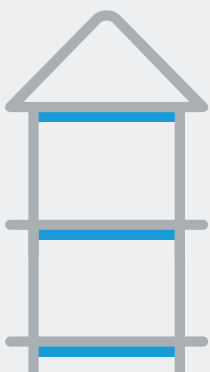
#### Car parks

SprayWool Thermal and Acoustic is a high performance, lightweight insulation material with a bright and clean-looking finish. Its ease and speed of application make it ideal for insulating large areas such as car parks, with minimal disruption.



#### Crawl spaces

Even difficult to reach areas, such as crawl spaces beneath houses, can be relatively easily insulated using SprayWool Thermal and Acoustic. Installation can be carried out quickly and without disturbing residents. Because it is lightweight it adds very little weight to the structure.



#### Multi-level

SprayWool Thermal and Acoustic is a cost effective acoustic solution for mid-floor applications. It provides a continuous layer and fits seamlessly around services.

#### Storage

It is recommended to store SprayWool Thermal and Acoustic either indoors, or covered and off the ground. SprayWool Thermal and Acoustic should not be left permanently exposed to the elements.

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### SPECIFICATIONS

Thickness (mm)	R-Value (m <sup>2</sup> K/W)	Cohesive/adhesive strength (kPa)	Acoustics performance (NRC)
25	0.7	> 1.4	0.75
50	1.4	> 1.4	0.95
75	2.1	> 1.4	1.00
100	2.8	> 1.4	1.00

### Knauf Insulation Ltd

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