

Spiralite

Sound absorption



BACKGROUND

Spiralite is a resin bonded mineral fibre board designed primarily for use as fire protection for structural steelwork. It does however exhibit other properties such as excellent sound absorption. Typical sound absorption coefficient figures for 40mm and 50mm thicknesses are given below :-

40mm SPIRALITE

| Mean Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 |
|------------------------|------|------|------|------|------|------|
| Absorption Coefficient | 0.15 | 0.65 | 0.89 | 1.07 | 1.08 | 1.15 |

50mm SPIRALITE

| Mean Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 |
|------------------------|------|------|------|------|------|------|
| Absorption Coefficient | 0.18 | 0.75 | 0.93 | 1.09 | 1.15 | 1.18 |

The information contained in Cryotherm data sheets is believed correct at the time of publication. Whilst we will endeavour to keep our publications up to date, readers will appreciate that between publications there may be pertinent changes in the law, or other developments affecting the accuracy of the information provided.

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