

# FIREPRO CENTABUILD INSULATION



SOUNDLIGHT DATASHEET – Mar 14

HEAD OFFICE: AUCKLAND (09) 579 0367  
CHRISTCHURCH (03) 379 9364  
[www.firepro.co.nz](http://www.firepro.co.nz) [sales@firepro.co.nz](mailto:sales@firepro.co.nz)

Product specifications can change. Contact us to ensure you have our latest datasheet

## Soundlight PSP5A27

Centabuild Soundlight PSP5A27 is very similar to Sound Sorber PSS0532, but very lightweight. This makes it especially useful for use on boats, aircraft, and other situations where its lightweight is especially a benefit.

Soundlight PSP5A27 incorporates the same sound absorptive polyurethane foam as Soundlagging 4525, but with Soundpad instead of loaded vinyl.

The following Noise Reduction Table for Soundpad is enhanced by the decoupling effect of the 25mm acoustic foam layer, and further enhanced by the aluminised polyester facing.

Soundlight comes in sheets of 1370mm x 27mm x 1000mm.

### LAMINATED CONSTRUCTION

Soundlight is a sound absorptive foam with an aluminised polyester facing, and a layer of bituminous impregnated felt. It has been designed so that the outer covering is impervious to water and oil, and cleans with a wipe. It is light, flexible and easy to use, and can be bonded or moulded into position.

### APPLICATION

Soundlight comes in 25mm thick sheets 1 x 1.37 metres. Sheets can easily be cut to size using scissors or a sharp knife.

### NOISE REDUCTION

Safe, strong, and fire resistant, this easy to apply material is extremely effective.

Excellent sound absorber with some reactive absorption at the low end of the frequency range, due to the film facing.

### Noise Reduction Table for Soundpad PSP-1.2

Frequency Hz	Decay T Secs	dB/sec	Loss Factor
200	0.03	583	0.11
250	0.03	1185	0.17
315	0.01	1814	0.21
400	0.01	2083	0.19
500	0.01	2425	0.18
630	0.01	2169	0.13
800	0.01	2771	0.13
1000	0.01	3010	0.11

This Noise Reduction Table for Soundpad PSP-1.2 shows the acoustic effects of Soundpad, which will be advanced by the other products in Soundlight PSP5A27.

### NO WASTAGE

Soundlight is economical to use because there is no wastage. Offcuts can be fitted into odd corners or out of the way spots. It's a real "sound investment".

### MOUNTING

Before applying Soundlight to the inside of the structure, care must be taken to remove all dust and grease which may affect adhesion. Surfaces must be completely dry before applying contact adhesive.

### SEALANT TAPE

Apply Centabuild Soundlight to all joints and exposed edges. Press tape into place ensuring there is no buckling or gaps.

### SILENCE VENTILATION PORTS

To achieve maximum performance from Soundlight, all openings in the enclosure should also be silenced. Gaps around hatches and doors should be sealed with foam tape. Ventilation openings should be silenced.

*NOTE: The technical information and suggestions for use and application presented herein represent the best information available to us and are believed to be reliable. If used beyond the situations detailed on this datasheet we advise confirming their suitability before installation. All dimensions are nominal.*

**We reserve the right to make changes or to withdraw designs and products without notice.**