# SUPERPHON
## Acoustic ceiling and wall panels

**CMSDANSKIN ACOUSTICS**

## PRODUCT DESCRIPTION

SuperPhon acoustically absorbent ceiling and wall panels are a composite construction and offer a fabric-covered solution for reducing sound reverberation. The standard covering is an acoustically transparent woven textile fabric.

SuperPhon is available in standard sizes and thicknesses. Bespoke panels and absorbers size, thickness, shape or fabric facing can be readily manufactured.

SuperPhon is a flexible solution that can be tailored to any sort of environment. It can provide complete or partial wall coverage. The fundamental attraction of SuperPhon® is its adaptability.

With a wide selection of colour finishes and installation options, SuperPhon provides an aesthetically pleasing reverberation control solution for a range of applications.

## FEATURES and BENEFITS

- Provides up to Class 'A' acoustic performance
- 63 colours available over two standard ranges Other options available on special order
- Wipe clean finish available
- Bespoke manufacture
- Free reverberation calculation service
- Full technical and on site support
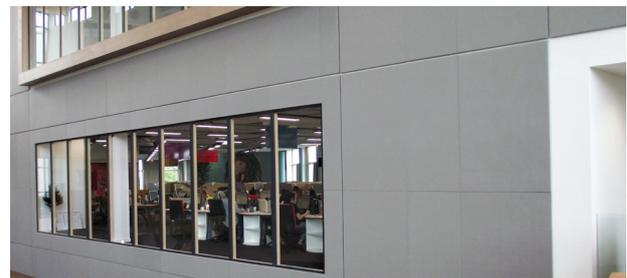- Acoustic test certification available on request

## APPLICATIONS

Suitable areas for wall mounted SuperPhon include:

- Recording/rehearsal studios
- Audiology rooms
- Commercial premises
- Reception areas
- Cinemas and theatres
- Public entertainment facilities
- Schools
- Offices
- Halls
- Conference rooms
- Churches
- Call centres

## PHYSICAL INFORMATION

| Thickness | 25mm, 40mm, 50mm |
|---|---|
| Max single panel size (Other sizes available on request) | 3000mm x 1200mm Subject to fabric limitations |
| Weights | 3.25kg/m² for 25mm panel 4.00kg/m² for 40mm panel 5.00kg/m² for 50mm panel |

## TECHNICAL DATA - Absorption Coefficient table

| ISO 354 | \multicolumn{7}{c}{Frequency Hz} | Absorption Class |
|---|---|---|---|---|---|---|---|---|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 | NRC | |
| 25mm | 0.08 | 0.33 | 0.74 | 1.08 | 1.08 | 1.04 | 0.80 | C |
| 40mm | 0.19 | 0.73 | 1.14 | 1.07 | 1.02 | 1.07 | 1.00 | A |
| 50mm | 0.28 | 0.77 | 1.15 | 1.21 | 1.06 | 1.12 | 1.05 | A |



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