Seamless Acoustical Plaster Solutions

fade®
acoustic ceilings

CMSDANSKIN
ACOUSTICS

A seamless acoustical plaster solution

The Fade® system is a high quality plastering solution that absorbs unwanted noise in a wide range of environments. As an acoustic solution applied to walls and ceilings, its highly absorbent qualities allow for optimum acoustic control in large, commercial spaces.

Fade® can be applied to virtually any surface including straight and curved walls, dramatic angles and arching domes offering a more flexible, discreet alternative to traditional acoustic solutions, such as suspended ceilings.

Available in a choice of finishes and exclusively through CMS Danskin Acoustics in the UK - Fade® Albus and Fade® Albus Plus offer greater flexibility over acoustic performance and interior design.

Offering unrivalled levels of sound absorption, the Fade® system leaves walls and ceilings clear of panels and other visible acoustic solutions. It is easy to repair, clean and maintain and has a proven track record of providing high performance sound absorption.

Moreover, the Fade® system is expertly supported from specification to installation by the highly experienced and local CMS Danskin Acoustics technical team and an approved installer network.

Benefits at a glance

- Up to class 'A' acoustic absorption performance
- Quick to install, one mantle system
- Flexible to your design
- Easy to repair
- Smooth and white finish as standard
- Colour matching available

ACOUSTIC

Acoustical data test

Up to AW:1.0 (Class A)

Tested at Sound Research Laboratories, UK

ACAS Accredited

FIRE

Class A Fire Rating

(A2 s1,d0) per the EN 13501-1 standard

ULTRA SMOOTH FINISH

Choose between textured, trowelled and sanded smoothly

Applications

The Fade® system is the ideal specification for any internal area which needs seamless absorption combined with excellent aesthetics:

- **Auditoriums, call centres and music venues:** Helps shorten reverberation times and improve clarity
- **Educational establishments:** Helps achieve reverberation times laid down in Building Bulletin 93 (BB93)
- **High end residential:** Makes for a more comfortable acoustic climate particularly where timber and vinyl floors are used
- **Restaurants, retail and hotel environments:** The anti-static quality of Fade® is easy to clean and maintain
- **Healthcare environments:** Reduces reverberation and improves acoustics in clinical, clean and minimalist environments
- **Leisure facilities:** Ideal to reduce reverberation and improve acoustics, and can also be used in swimming pool environments
- **Museums:** Suitable for hard tiled floors and high traffic walkways. Fade® can reduce reverberation and improve acoustics
- **Shopping Centres:** Helps make a more enjoyable shopping experience by reducing reverberation and improving acoustics, particularly in high traffic areas
- **Office environments:** The use of the Fade® system in office environments can improve productivity and concentration

COLOUR & LIGHT REFLECTANCE

Albus Plus surface:
NCS 0300-N

Albus surface:
NCS 0500-N

Light reflectance value as high as 83%

The plaster is made from natural materials and the surface will keep its natural colour

EMISSIONS

The plaster has been honored with:

EMISSION CLASS FOR BUILDING MATERIAL
M1

Tested and approved to be used in climates with high humidity: 40˚C @ 100% RH

ENVIRONMENT

Thinking of the environment.

Up to 50% recycled materials and no additives added to the plaster system.

Fade® is involved in a tree planting program planting 1 tree for every 1m² of ceiling produced.

Learn more @ trees.org

CLEANING & MAINTENANCE

Surface dust and dirt, and stains that have penetrated the surface, can all be removed

Acoustic Plaster Finishes

The Fade® system is offered in a choice of two finishes according to the absorption level required

Albus Plus

An ultra-smooth, fine grain white finish. Sanded, textured or trowelled to achieve a highly aesthetic acoustic solution.

Albus Plus

Albus

A lightly textured medium grain finish available in off white to suit design requirements.

Albus

Note: A water resistant coating can be applied so the plaster can be used in semi-external applications.

Bespoke Finishes

The Fade® system can also be supplied in a choice of RAL or NCS colour options on request.

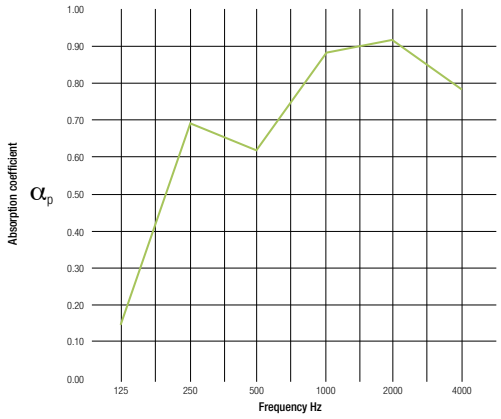
Please contact CMS Danskin Acoustics for further details.

Please note these samples are only representations of RAL colours as this brochure is printed from CMYK process.

Acoustic Performance

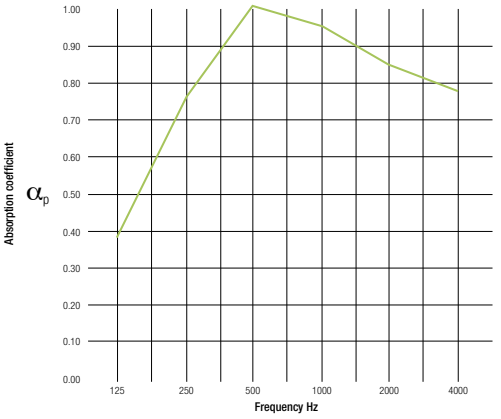
Sound absorption coefficient Test information

25mm Fade® **Albus Plus** Direct - NRC-0.8
Class 'B' acoustic performance



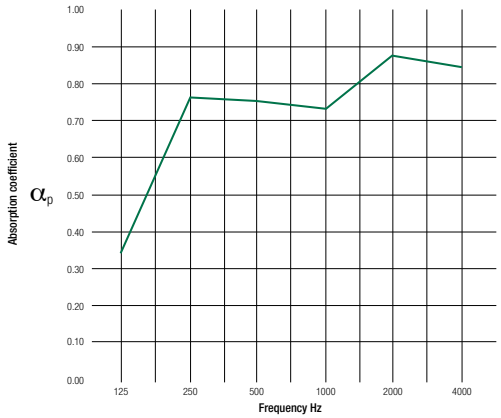
						α_w	Absorption class
0.15	0.69	0.62	0.88	0.92	0.78	0.80	B

40mm Fade® **Albus Plus** Direct - NRC-0.9
Class 'A' acoustic performance



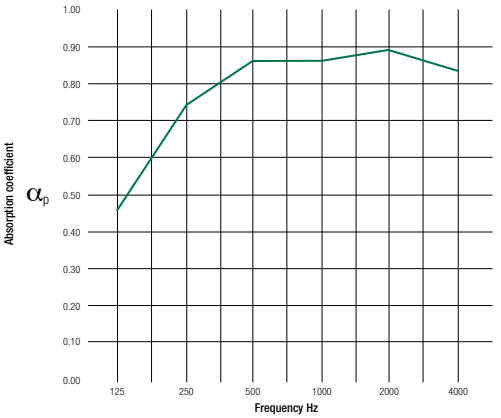
						α_w	Absorption class
0.38	0.76	1.08	0.96	0.85	0.78	0.90	A

25mm Fade® **Albus Plus** E200 - NRC-0.8
Class 'B' acoustic performance



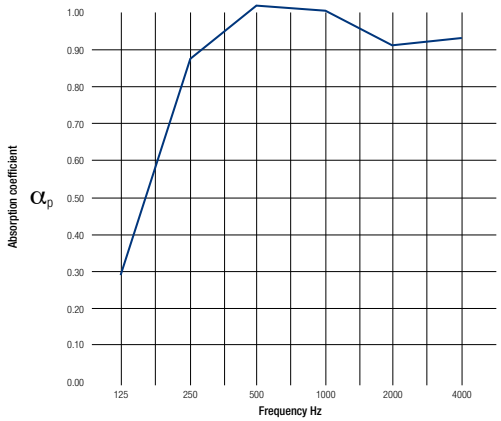
						α_w	Absorption class
0.34	0.76	0.75	0.72	0.88	0.84	0.85	B

40mm Fade® **Albus Plus** E200 - NRC-0.85
Class 'A' acoustic performance



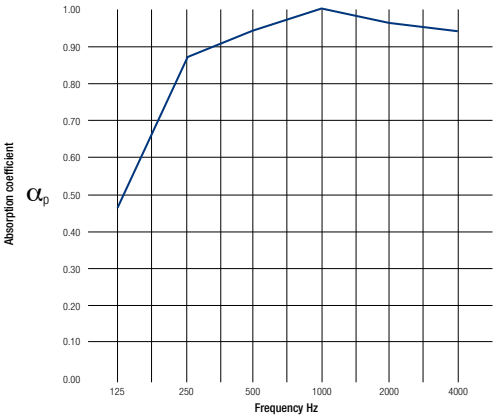
						α_w	Absorption class
0.46	0.74	0.87	0.87	0.89	0.83	0.90	A

40mm Fade® **Albus** Direct - NRC-1.0
Class 'A' acoustic performance



						α_w	Absorption class
0.29	0.88	1.14	1.03	0.91	0.93	1.00	A

40mm Fade® **Albus** E200 - NRC-0.95
Class 'A' acoustic performance

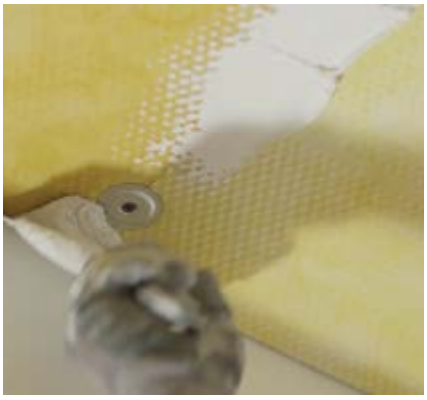


						α_w	Absorption class
0.47	0.87	0.94	1.00	0.97	0.94	1.00	A

Installation and Maintenance

With just 3 easy steps the Fade® system can be installed simply and quickly.

Step 01 **Boarding & filling**



Step 02 **Spraying and trowelling**

Step 03 **Sanding to a finish if required**

Cleaning & Maintenance

Surface dust and dirt can be vacuumed off using a soft brush attachment

Stains that have penetrated the surface and cannot be removed by the previous actions can be removed as follows:

01 - Apply a thin layer of the plaster to the imbedded stain

02 - Wait for the plaster to dry before you sand it

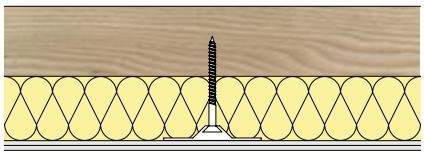
Types of installation

The Fade® system can be installed in one of three ways:

01

Traditional installation

Fibreglass board and Fade® applied to a plasterboard, concrete or timber substrate with approved adhesives or mechanically fixed with special washers. A mesh tape and plaster are applied to the plastic or aluminium C channel if fitted and to the joints of the pre-coated fibreglass board. The Acoustic Plaster is sprayed to a thickness 2-3mm then trowelled. Once dry if desired the plaster can be sanded to a finer finish.

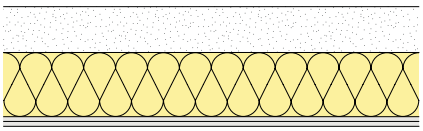


02

Previously painted surfaces

The substrate is tested for bond strength and cleaned. Alternatively if paint is flaking the mechanical fixings should be used. The fibreglass board is attached to the painted substrate with the approved adhesive and additionally secured with a minimal amount of special washers if required.

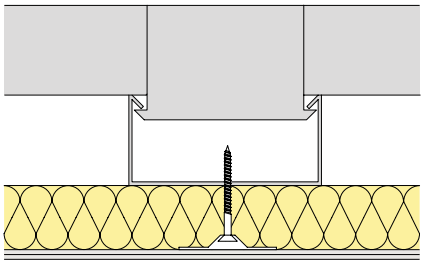
A mesh tape and plaster are applied to the plastic or aluminium C channel if fitted and to the joints of the pre-coated fibreglass board. The Acoustic Plaster is sprayed to a thickness 2-3mm then trowelled. Once dry if desired the plaster can be sanded to a finer finish.



03

Plaster directly to grid

The fibreglass board is attached to a MF metal drywall grid system or similar with the special washers. A mesh tape and plaster are applied to the plastic or aluminium C channel if fitted and to the joints of the pre-coated fibre Glass board. The Acoustic Plaster is sprayed to a thickness 2-3mm then trowelled. Once dry if desired the plaster can be sanded to a finer finish.



In all installations the fibreglass board is then sprayed with the Fade® system.
Once dry the system can be sanded to achieve the desired finish.

The standard fibreglass board thicknesses are 25mm or 40mm. Other thicknesses are available on request.

PLEASE NOTE
While the above Fade® system can be applied to horizontal and vertical surfaces, it is not recommended to use Fade® within touching distance: i.e. within 2.4m of standing floor level.

For further information
please contact our technical/sales team

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CMS Danskin Acoustics products are part of the SIG PERFORMANCE TECHNOLOGY range

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