

PERFORMANCE CEILINGS
More scope for innovation



AMF Line wall absorbers – Wall mounted acoustic designs



Acoustic elements on the wall – Improve the acoustic environment

To achieve the highest possible acoustic quality in rooms. It can be highly advantageous to have sound absorption on the wall as well as the floor and ceiling. Rooms that are well designed in terms of acoustics can enable easier communication, better privacy and offer an enhanced feeling of peace.

A suspended ceiling contributes greatly to the room acoustics. In some cases, the ceiling area is insufficient to create optimum room acoustics. There are also situations where an acoustic ceiling is not possible due to technical, architectural or conservation reasons. Typical examples are historic buildings with stucco and frescoes, rooms with visible ceiling elements such as wood or buildings utilising exposed concrete as thermal mass.

Wall absorbers can be highly advantageous in many situations to significantly improve the acoustic performance of a room.



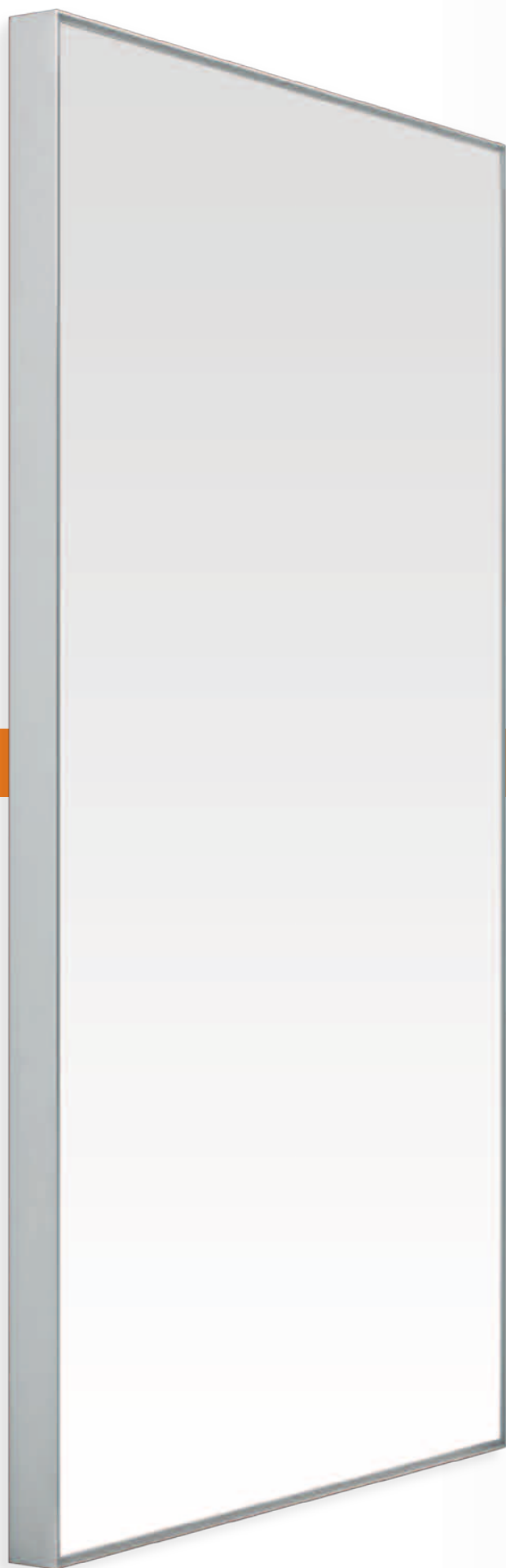
Typical wall absorber applications

PUBLIC BUILDINGS

- Class rooms
- Lecture theatres
- Waiting areas
- Cinemas
- Restaurants
- Show rooms

OFFICE BUILDINGS

- Offices
- Open plan offices
- Foyers
- Meeting rooms



Wall mounted acoustic designs: AMF Line

Walls contribute significantly to the character of a room and provide options for interior design. The new AMF Line wall absorbers complement our acoustic ceiling range to provide an enhanced range of acoustic and design options.

The AMF Line wall absorbers are available in various designs and can be used as exciting design elements.

Creativity knows no limits: A variety of frame types, sizes and many surface designs, including custom bespoke options, make the AMF Line wall absorbers ideal for almost any application without compromising form or function.

AMF Line wall absorbers are available in three types.

Basic features of the AMF Line wall absorber*

- Reduce drone effects and flutter echoes
- Provide optimum room acoustics
- Kombimetall variant suitable as magnetic notice board
- Individually customisable in size and design
- Allows exciting interior design
- Quickly and easily installed

* depending on type



AMF Line wall absorber – Overview

Technical data



Decorative wall absorber element with limited dimensions and the option of printed graphics



Large-scale wall absorber or small artistic wall absorber with seamless fabric covering and the option of printed graphics



Large-scale wall absorber with unlimited lengths and innovative details for door and window recesses

	AMF Line Modern	AMF Line Style	AMF Line Classic
Building material class	A2-s1,d0 according to EN 13501-1		A2-s1,d0 according to EN 13501-1
Sound absorption	EN ISO 354 (see page 7)	EN ISO 354 (see page 9)	Depending on surface used EN ISO 354 (see page 11)
Humidity resistance	Up to 95% relative humidity		Up to 95% relative humidity
Surface finish	Fleece-coated white or printed	Fabric white or printed	Fleece-coated or perforated metal
Usable tile types	THERMATEX Alpha Edge SK	Foam sheets as absorbing tiles	THERMATEX Alpha HD THERMATEX dB Acoustic THERMATEX Acoustic THERMATEX Kombimetall perf. Edge GN/SK and AW/SK
Tile size	Width max. 2400 mm Height max. 1200 mm		Width 300, 312,5, 600 and 625 mm Height max. 1800 mm Special sizes on request
Frame size	600 mm x 1200 mm 1200 mm x 1200 mm 1200 mm x 1800 mm 1200 mm x 2400 mm Special sizes on request	Unlimited	Width unlimited Height max. 1820 mm
Frame thickness	43 mm	Basic light: 20 mm Basic ES: 26 mm Basic DS: 49 mm	43 mm
Frame colour	Untreated anodised aluminium E6-EV1	Untreated anodised aluminium E6-EV1	White similar to RAL 9016
Weight	600 mm x 1200 mm: approx. 5 kg/piece 1200 mm x 1200 mm: approx. 9 kg/piece 1200 mm x 1800 mm: approx. 16 kg/piece 1200 mm x 2400 mm: approx. 25 kg/piece	Basic light: approx. 3 kg/m ² Basic ES: approx. 5 kg/m ² Basic DS: approx. 6 kg/m ²	Depending on tile used: THERMATEX dB Acoustic: approx. 10 kg/m ² THERMATEX Kombimetall perf.: approx. 11 kg/m ²

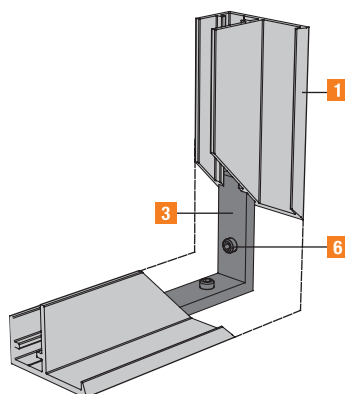
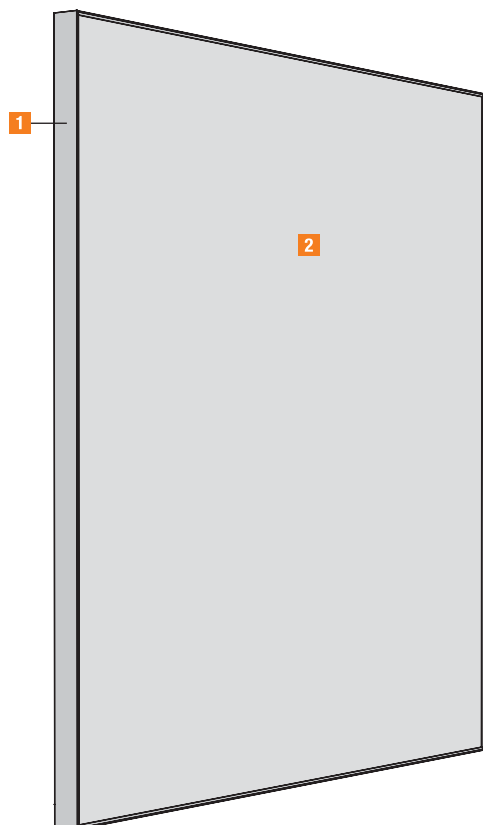


Wall absorber AMF Line Modern

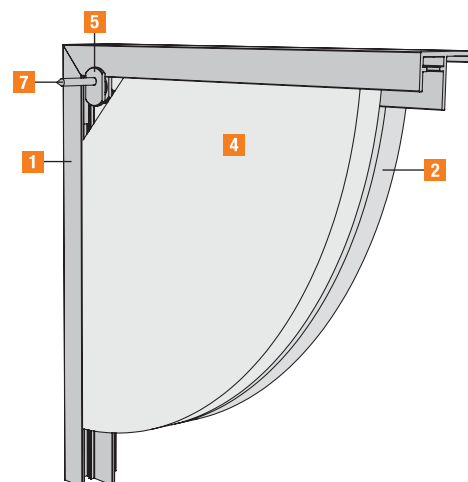
AMF Line Modern consists of a mineral tile with an aluminium frame. The fleece-coated surface of AMF Line Modern is white as standard, but can be ordered in any colour or printed with custom graphics. The wall panel is delivered in one piece ready for installation and is simple to install using the included eccentric screw and installation spanner. The construction of the panel ensures very high levels of acoustic absorption.



Corner connection



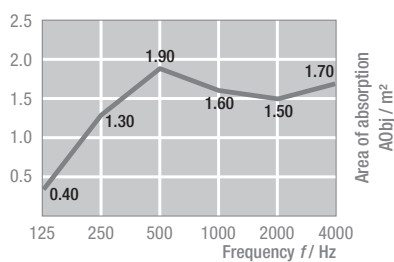
Wall fixing



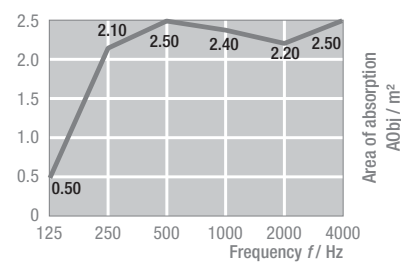
- 1 Aluminium profile
- 2 THERMATEx tile
- 3 Connection bracket
- 4 Acoustic filling
- 5 Aluminium eccentric screw
- 6 Headless screw M6 x 8
- 7 Wall fixing screw

Sound absorption values

AMF Line Modern
1200 x 1200 mm



AMF Line Modern
1200 x 1800 mm



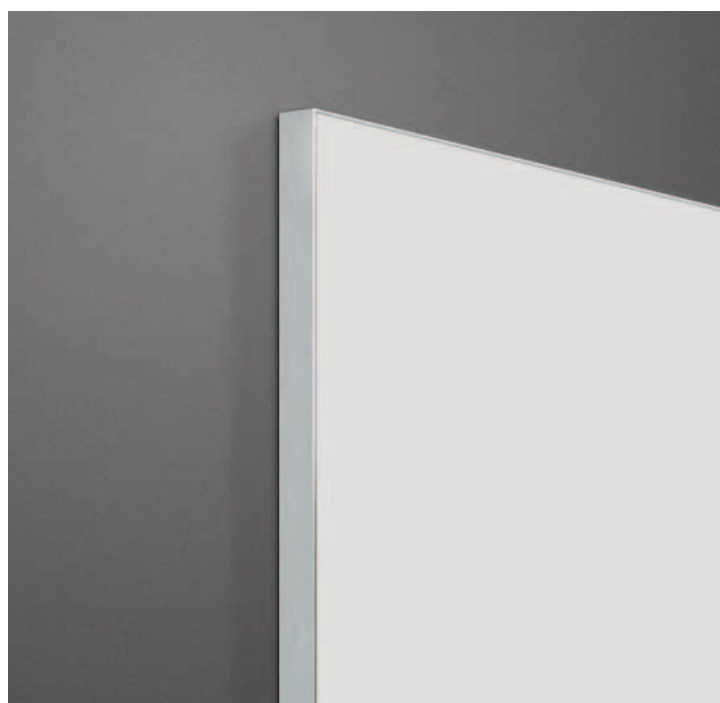


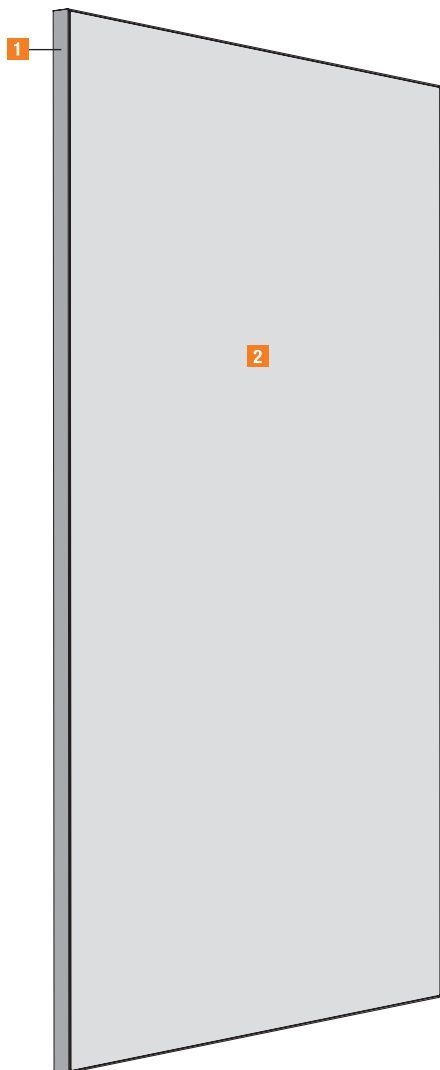
Wall absorber AMF Line Style

AMF Line Style is an individually printable fabric covering with an aluminium frame. The aluminium frame is provided with an all-round groove into which the printed fabric is inserted. The fabric covering to be easily removed and exchanged for a new design easily, without special tools.

Three frame depths are available, providing different levels of acoustic absorption.

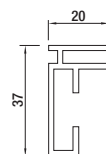
- Basic light: Lightweight profile for one-sided coverings in small sizes
- Basic ES: Profile for all sizes with one-sided coverings
- Basic DS: Profile for wall panels with double-sided coverings and highly absorbing acoustic fillings



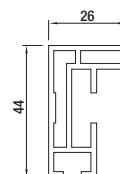


Profile cross-sections

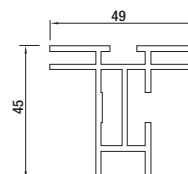
Basic light



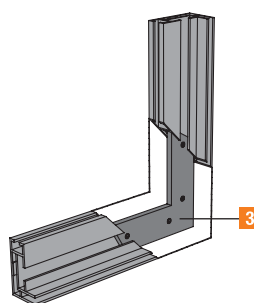
Basic ES



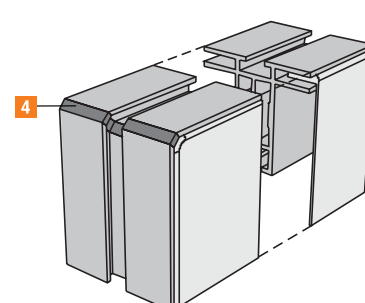
Basic DS



Corner connection



Soft edge



1 Aluminium profile

2 Fabric cover

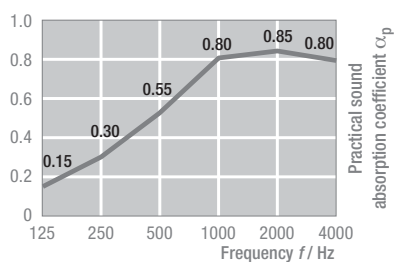
3 Corner bracket

4 Soft edge

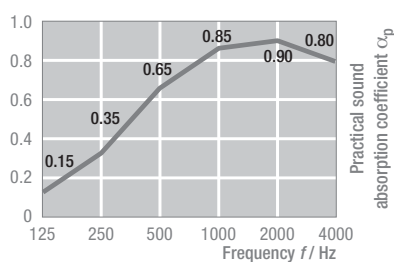
Soft edges only available for:
Basic ES and Basic DS

Sound absorption values

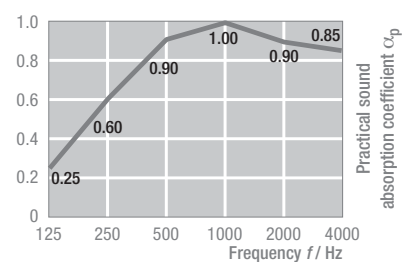
AMF Line Style
Basic light: 20 mm



AMF Line Style
Basic ES: 26 mm



AMF Line Style
Basic DS: 49 mm





THERMATEX Alpha

THERMATEX dB

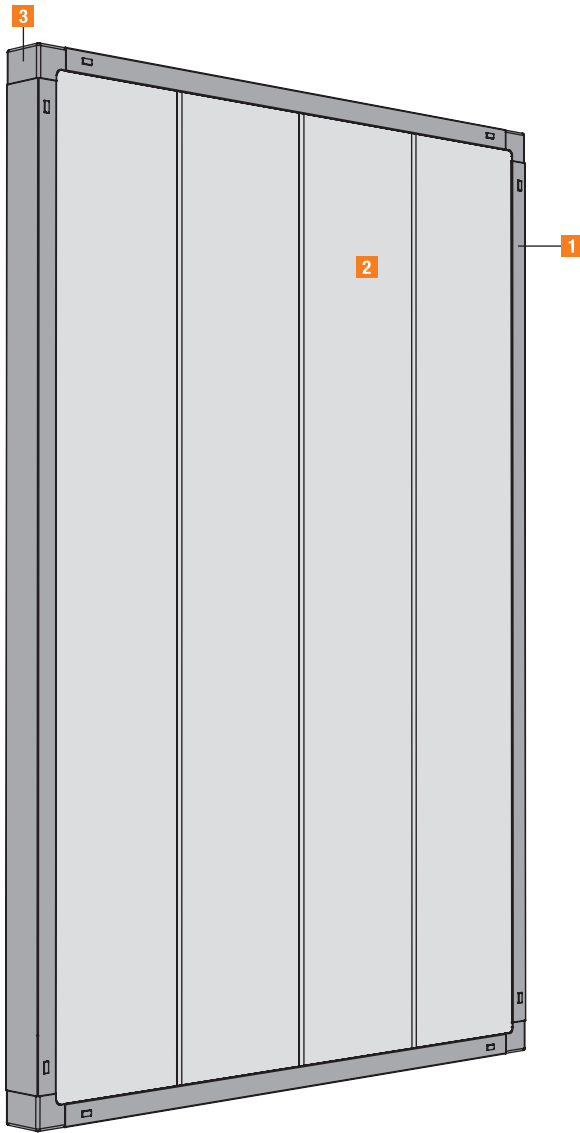
THERMATEX Acoustic

THERMATEX Kombimetall perforated

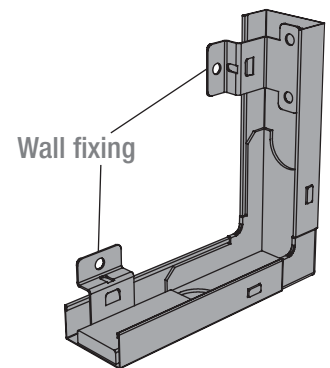
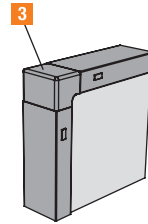
Wall absorber AMF Line Classic

AMF Line Classic is a modular wall absorber system suitable for large areas. The sophisticated profile system enables the wall absorber to be constructed to the required length on site. The profiles, up to 3.75 m in length, are easily joined together with a connector piece. There are also clever details for recesses such as windows or doors. The acoustic panels are available in modular fleece-coated mineral and metal finishes and are linked with a concealed edge detail.





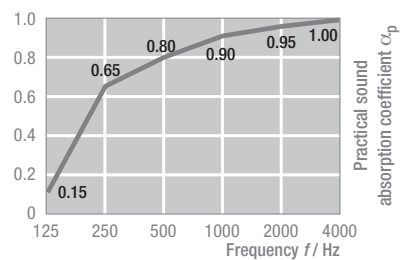
Corner connection



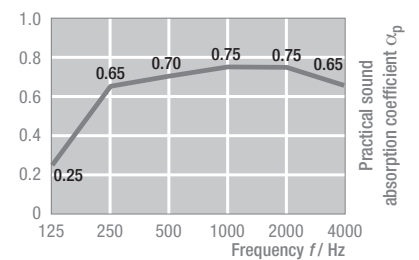
- 1 Steel profile
- 2 THERMATEX tile
- 3 Corner connector for external corners (plastic)
- 4 Corner connector internal corners (plastic)

Sound absorption values

THERMATEX dB Acoustic
24 mm



THERMATEX Kombimetall
perforated



Values for THERMATEX Acoustic and THERMATEX Alpha HD on request.



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