



PRODUCT SELECTOR

Knauf AMF: Complete system solutions from the experts in suspended ceilings – all from a single source.

Strong brands are recognized for the value that they bring to customers and the promise of consistent quality and service associated with that.

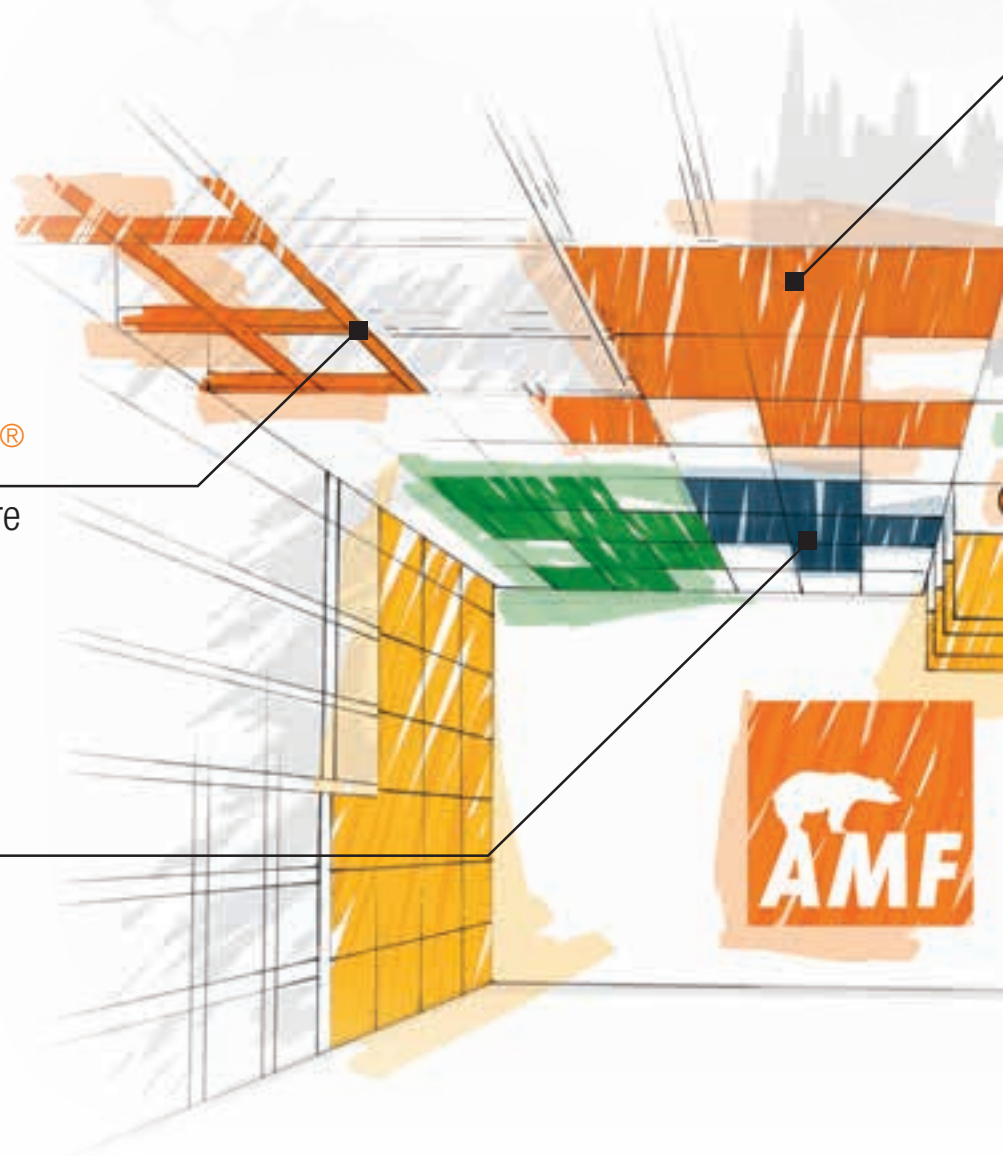
The international acoustic ceiling manufacturer Knauf AMF with its recognised strong product brands has all of these attributes and has always remained true to themselves, particularly in recent years of rapid transformation – maintaining focus on the modular ceiling and the clear demand for “best practice” in innovation, creativity, design, function and quality. The next phase of the company’s development takes place with a further step to becoming a complete product and system solutions provider with the product brands **AMF THERMATEx®**, **HERADESIGN®**, **AMF TOPIQ®**, **AMF MONDENA®**, **AMF TACET®** and **AMF VENTATEC®**.

AMF VENTATEC®

Grid and substructure

AMF MONDENA®

Metal ceilings



CONTENTS



Overview	02 - 03
Branding	04 - 05
Coloursporate Development	06 - 07
Environment	08 - 09

THERMATEX®	10 - 23
HERADESIGN®	24 - 27
TOPIQ®	28 - 29
MONDENA®	30 - 35

Systems	36 - 39
Referências	41 - 42

AMF THERMATEX®

Mineral tiles

AMF TACET®

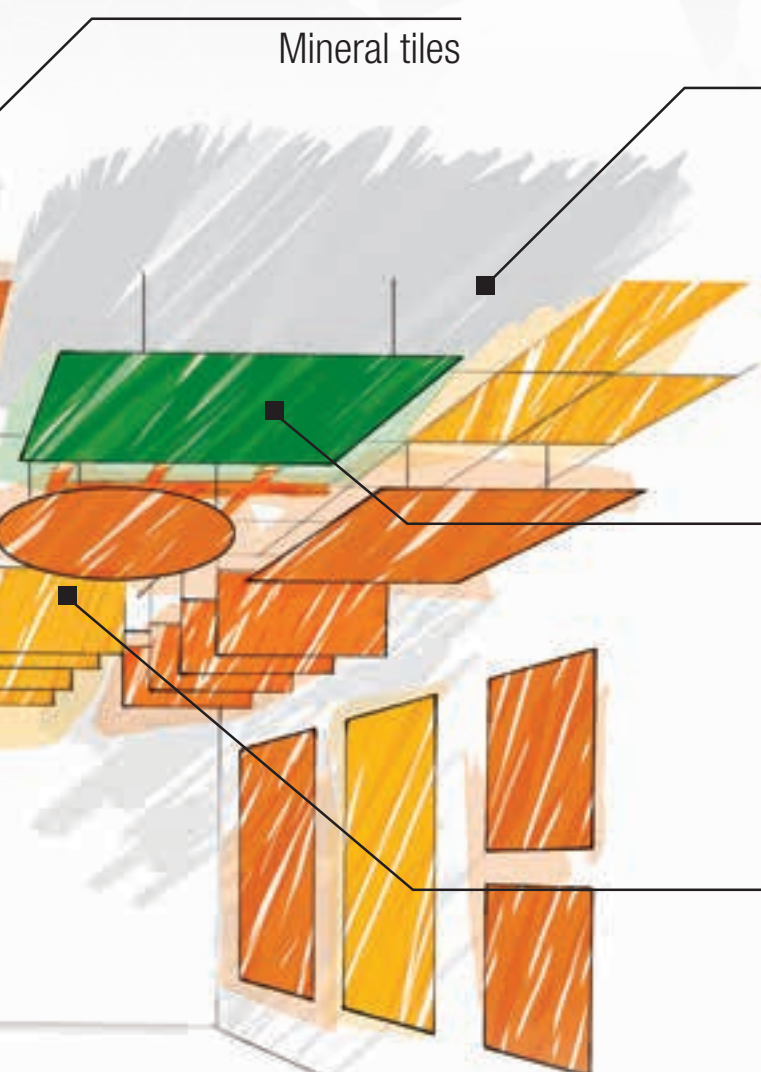
Seamless ceiling

AMF TOPIQ®

Soft board

HERADESIGN®

Wood wool acoustics



Knauf AMF Complete system solutions from the experts in suspended ceilings – all from a single source

AMF THERMATEX®

„functional and innovative“

The tiles, produced using a wet-felt process, are considered to be international benchmark for quality standards and functional product properties.



acoustics & fire protection
homogenous appearance
elegant texture
creative accents
appealing aesthetic
functionality
hygiene & clean room
simplicity & elegance
fleece-coated or textured

Heradesign®

„creative and
diverselyunconventional“

This is what sustainable acoustics look like. The high quality wood wool acoustic solutions open up an almost infinite variety of designs and make an essential contribution to creating ecological, liveable rooms.



high quality acoustic solution made with wood wool
design timeless & modern nature
unlimited design possibilities
high durability
open and even surface structure
sustainable & functional
creative forms and colours

AMF TOPIQ®

„premium efficiency“

Fleece laminated mineral wool tiles, colour coated on both faces and all edges, are the basis for our soft fibre board AMF TOPIQ®.

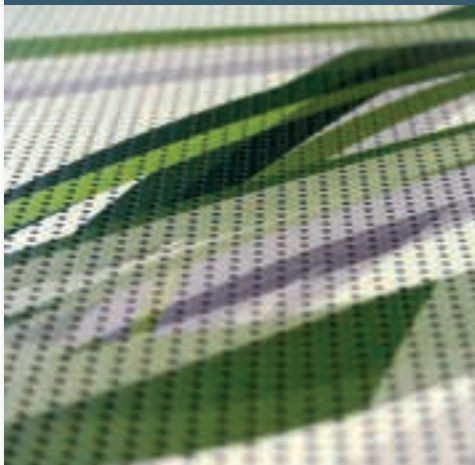


excellent sound absorption
light & easy to handle
fleece laminated mineral wool tile
very good humidity resistance
functionality & acoustic
flexible and dimensionally stable
easy to clean
low weight reversible

AMF MONDENA®

„durable and timelessly elegant“

With the introduction of the new product brand AMF MONDENA®, the metal ceiling offering from Knauf AMF are receiving recognition and significant expertise.



excellent acoustic performance
durable & timeless
specialised individual solutions
simple installation
washable and easy to clean

high aesthetic
individual design possibilities
very good humidity resistance
simple installation

AMF VENTATEC®

„qualitative and flexible“

High material quality and precise technical detailing characterise the standard of the profiles. The high performance product design guarantees the stability, safety and flexibility of the construction.



precise material and production quality
construction flexibility
made in Germany
top quality
easy to handle
modular system



Mobile Applications



Online Advertising

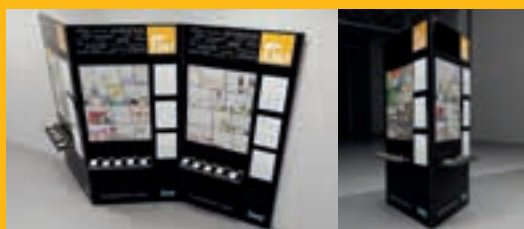
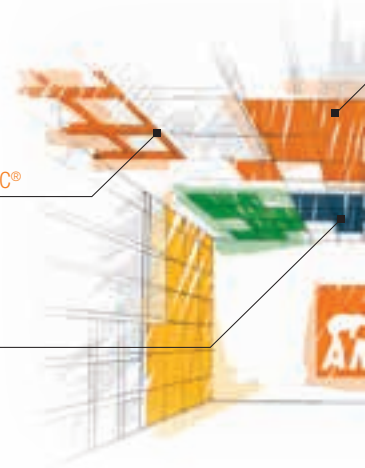


Lead Management



Web Applications & Sites

Coloursporat



Mobile Stand / Retail Shop System in different Forms



Reference Brochure „Lookbook“



Education & Training



Collection Box



Events & Exhibitions



AMFgo



compass

Global Intranet Solution



AMFInside



Internal
Newsletter



Social Media



Press Relations (Print & Digital)

Development

AMF THERMATEx®
Fibra mineral wetfelt

AMF TACET®
Seamless ceiling

AMF TOPIQ®
Softboard (lã de rocha)

HERADESIGN®
Fibra de madeira



Product
Catalogues

New Catalogue Box

Sample Case
Ceiling Rafts



Modular Ceilings &
[... more]



Overpack



Sample Boxes
Grid



Technical
Sample
Flyers



AMF MONDENA®
Samples

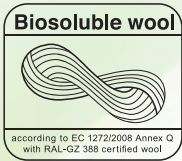
AMF TOPIQ®
Samples



Technical
Manual

RESPONSIBLE FOR PEOPLE AND NATURE

Use of **natural and environmentally friendly raw materials** such as clay, perlite, starch, water, wood, magnesite



Bio-soluble and harmless to health

Mineral wool for mineral (AMF THERMATEx®) and soft mineral (AMF TOPIQ®) tiles

Knauf AMF only uses mineral wool according to EU directive 1272/2008 Annex Q and RAL-GZ 388 certification



The mark of
responsible forestry
FSC® C120661

Regenerative – **wood from exemplary, sustainable forestry** for wood wool acoustic tiles

Initiatives to implement **Zero waste-**
Production processes = closed **by-product cycles**

Sustainability

Recycling of fibre material as **valuable materials**,
i.e. as **raw materials** for mineral tiles



Institut Bauen
und Umwelt e.V.

Binder recovery from wood wool acoustic tiles

Durable functionality
within the buildings service life





Controlled production and standardised quality processes
to ensure product properties

FPC- Factory Production Controls

Responsible use
of resources
and energy



Compliance with European
Construction Products Directive -
Declaration of Performance

Certified according to ISO
quality management systems

ISO 9001 – Quality

ISO 14001 – Environment

ISO 50001 – Energy

OHSAS 18001 – Occupational safety



Targeted improvement of room acoustics



AMF THERMATEX®
HERADESIGN®



Voluntary third party monitoring systems

Biologically
harmless for
construction



System solutions for

Fire protection and Hygiene



Low emission and non-toxic =
positive interior climate



Positive contribution (credits) to building assessment schemes



THERMATEx® Acoustic

Sound absorption values

$\alpha_w = 0.65$ (H) as per EN ISO 11654
NRC = 0.70 as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 38$ dB as per EN ISO 10848
 (19 mm thickness, as per test certificate)

Sound attenuation

$R_w = 22$ dB as per EN ISO 10140-2:2010

Edge details

SK, VT 15/24, VT-S 15, VT-S 15F, AW/GN, AW/SK, GN/SK

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI20 as per DIN 4102 parte 2
 (see test report for full details)

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.052-0.057$ W/mK as per DIN 52612

Humidity resistance

up to 95% RH

Dimensions

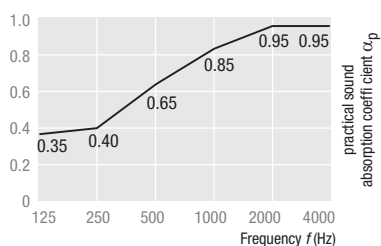
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

19 mm / approx. 4.6 kg/m²

Colours

white similar to RAL 9010



Systems

- A** Concealed system, panels demountable AW/GN non-accessible GN/GN
- C** Exposed system, demountable ceiling
- F** Free span system with exposed or concealed suspension
- I** Bandraster system, concealed cross sections

THERMATEx® dB Acoustic (24 mm)

Sound absorption values

$\alpha_w = 0.65$ (H) as per EN ISO 11654
NRC = 0.70 as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 41$ dB as per EN ISO 10848
 (24 mm thickness, as per test certificate)

Sound attenuation

$R_w = 24$ dB as per EN ISO 10140-2:2010

Edge details

SK, VT 15/24, VT-S 15F, AW/GN, AW/SK, GN/SK

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI90 as per DIN 4102 parte 2
 (see test report for full details)

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.052-0.057$ W/mK as per DIN 52612

Humidity resistance

up to 95% RH

Dimensions

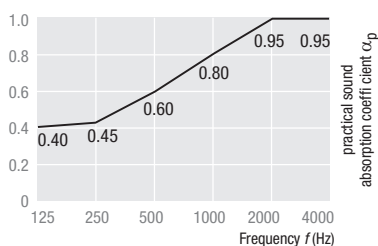
For sizes as well as supply categories please
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Thickness / Weight

24 mm / approx. 8.4 kg/m²

Colours

white similar to RAL 9010



Systems

- A** Concealed system, panels demountable AW/GN non-accessible GN/GN
- C** Exposed system, demountable ceiling
- F** Free span system with exposed or concealed suspension
- I** Bandraster system, concealed cross sections

THERMATEx® dB Acoustic (30 mm)

Sound absorption values

$\alpha_w = 0.65$ (H) as per EN ISO 11654
NRC = 0.70 as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 43$ dB as per EN ISO 10848
 (30 mm thickness, as per test certificate)

Sound attenuation

$R_w = 25$ dB as per EN ISO 10140-2:2010

Edge details

SK, VT 15/24, VT-S 15F, AW/SK on request

Building material class

A2-s1, d0 as per EN 13501-1

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.052-0.057$ W/mK as per DIN 52612

Humidity resistance

up to 95% RH

Dimensions

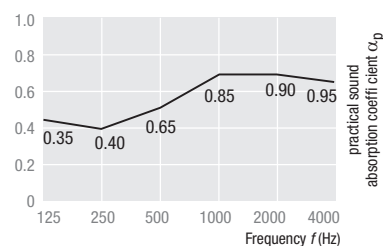
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

30 mm / approx. 10.5 kg/m²

Colours

white similar to RAL 9010



Systems

- C** Exposed system, demountable ceiling
- F** Free span system with exposed or concealed suspension
- I** Bandraster system, concealed cross sections



THERMATEX® Alpha ONE

Sound absorption values

$\alpha_w = 1.00$ as per EN ISO 11654

$NRC = 1.00$ as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 29$ dB as per EN ISO 10848
(24 mm thickness, as per test certificate)

Sound attenuation

$R_w = 17$ dB as per EN ISO 10140-2:2010

Edge details

SK, VT-S 15/24, VT-S 15F

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI90 as per DIN 4102 parte 2
(see test report for full details)

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.040$ W/mK as per EN 12667

Humidity resistance

up to 95% RH

Clean room

Class 4 as per ISO 14644-1

Dimensions

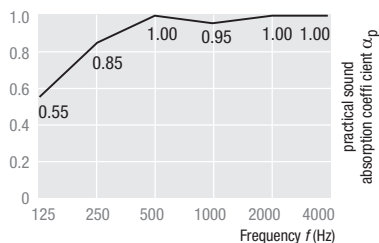
For sizes as well as supply categories please
consult www.knaufamf.com

Thickness / Weight

24 mm / approx. 4.0 kg/m²

Colours

white similar to RAL 9010



Systems

Exposed system, demountable ceiling

THERMATEX® Alpha

Sound absorption values

$\alpha_w = 0.95$ as per EN ISO 11654

$NRC = 0.90$ as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 28$ dB as per EN ISO 10848
(19 mm thickness, as per test certificate)

Sound attenuation

$R_w = 14$ dB as per EN ISO 10140-2:2010

Edge details

SK, VT-S 15/24, VT-S 15F

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI90 as per DIN 4102 parte 2
(see test report for full details)

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.040$ W/mK as per EN 12667

Humidity resistance

up to 95% RH

Clean room

Class 4 as per ISO 14644-1

Dimensions

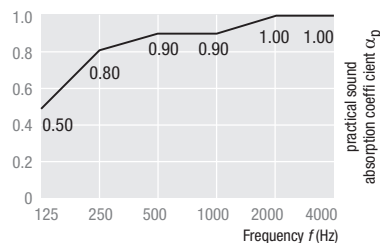
For sizes as well as supply categories please
consult www.knaufamf.com

Thickness / Weight

19 mm / approx. 3.3 kg/m²

Colours

white similar to RAL 9010



Systems

Exposed system, demountable ceiling

THERMATEX® dB Alpha

Sound absorption values

$NRC = 0.90$ as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 40$ dB as per EN ISO 10848
(22 mm thickness, as per test certificate)

Edge details

SK, VT 15/24

Building material class

A2-s1, d0 as per EN 13501-1

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.040$ W/mK as per EN 12667

Humidity resistance

up to 95% RH

Dimensions

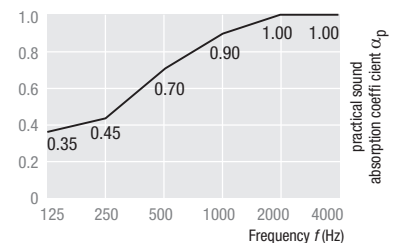
For sizes as well as supply categories please
consult www.knaufamf.com

Thickness / Weight

22 mm / approx. 5.5 kg/m²

Colours

white similar to RAL 9010



Systems

Exposed system, demountable ceiling



THERMATEx® Alpha HD (19 mm)

Sound absorption values

$\alpha_w = 0.90$ as per EN ISO 11654
 $NRC = 0.85$ as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 34$ dB as per EN ISO 10848
 (19 mm thickness, as per test certificate)

Sound attenuation

$R_w = 17$ dB as per EN ISO 10140-2:2010

Edge details

VT 15/24, AW/GN, AW/SK, GN/SK

Building material class

A2-s1, d0 as per EN 13501-1

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.052-0.057$ W/mK as per DIN 52612

Humidity resistance

up to 95% RH

Dimensions

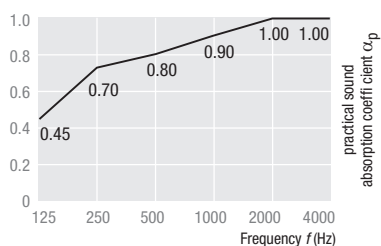
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

19 mm / approx. 5.2 kg/m²

Colours

white similar to RAL 9010



Systems

- A** Concealed system, panels demountable AW/GN non-accessible GN/GN
- C** Exposed system, demountable ceiling
- F** Free span system with exposed or concealed suspension
- I** Bandraster system, concealed cross sections

THERMATEx® Alpha HD (35 mm)

Sound absorption values

$\alpha_w = 0.90$ as per EN ISO 11654
 $NRC = 0.85$ as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 42$ dB as per EN ISO 10848
 (35 mm thickness, as per test certificate)

Sound attenuation

$R_w = 25$ dB as per EN ISO 10140-2:2010

Edge details

VT-S 15/24, VT-S 15F, AW/SK

Building material class

A2-s1, d0 as per EN 13501-1

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.052-0.057$ W/mK as per DIN 52612

Humidity resistance

up to 95% RH

Dimensions

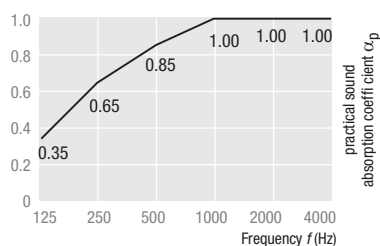
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

35 mm / approx. 9.5 kg/m²

Colours

white similar to RAL 9010



Systems

- C** Exposed system, demountable ceiling
- F** Free span system with exposed or concealed suspension
- I** Bandraster system, concealed cross sections

THERMATEx® Thermofon

Sound absorption values

$\alpha_w = 0.85(H)$ as per EN ISO 11654
 $NRC = 0.85$ as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 28$ dB as per EN ISO 10848
 (15 mm thickness, as per test certificate)

Sound attenuation

$R_w = 13$ dB as per EN ISO 10140-2:2010

Edge details

SK, VT-S 15/24

Building material class

A2-s1, d0 as per EN 13501-1

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.038$ W/mK as per EN 12667

Humidity resistance

up to 95% RH

Clean room

Class 4 as per ISO 14644-1

Dimensions

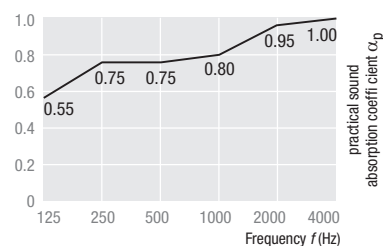
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

15 mm / approx. 2.6 kg/m²

Colours

white similar to RAL 9010



Systems

- C** Exposed system, demountable ceiling



THERMATEX® Alpha black

Sound absorption values

$\alpha_w = 1.00$ as per EN ISO 11654
NRC = 0.90 as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 28$ dB as per EN ISO 10848
 (19 mm thickness, as per test certificate)

Edge details

SK, VT-S 15F on request

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI90 as per DIN 4102 parte 2
 (see test report for full details)

Light reflectance

approx. 3.8%

Thermal conductivity

$\lambda = 0.040$ W/mK as per EN 12667

Humidity resistance

up to 95% RH

Dimensions

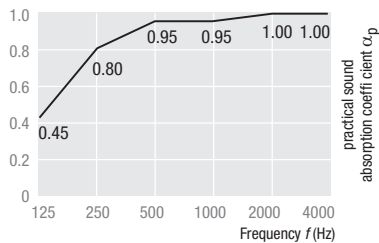
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

19 mm / approx. 3.3 kg/m²

Colours

black



Systems

Exposed system, demountable ceiling

THERMATEX® Alpha colour

Sound absorption values

$\alpha_w = 0.90$ as per EN ISO 11654
NRC = 0.95 as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 28$ dB as per EN ISO 10848
 (19 mm thickness, as per test certificate)

Edge details

SK

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI90 as per DIN 4102 parte 2
 (see test report for full details)

Thermal conductivity

$\lambda = 0.040$ W/mK as per EN 12667

Humidity resistance

up to 95% RH

Dimensions

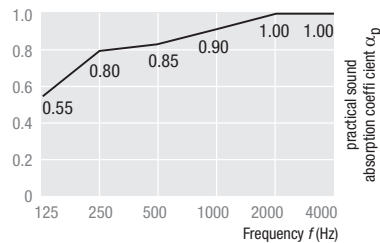
For sizes as well as supply categories please
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Thickness / Weight

19 mm / approx. 3.3 kg/m²

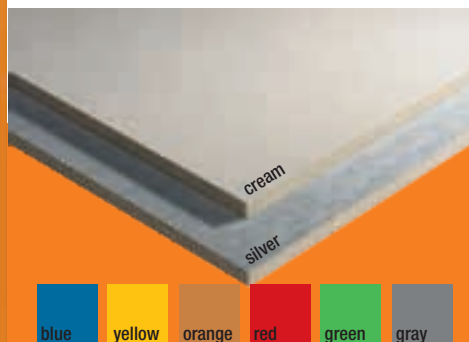
Colours

colour



Systems

Exposed system, demountable ceiling



THERMATEX® Kombimetall perf.

Sound absorption values

$\alpha_w = 0.65$ (H) as per EN ISO 11654
NRC = 0.70 as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 42$ dB as per EN ISO 10848
 (planks, as per test certificate)

Edge details

AW/SK, GN/SK

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI120 as per DIN 4102 parte 2
 (see test report for full details)

Thermal conductivity

$\lambda = 0.052 - 0.057$ W/mK as per DIN 52612

Humidity resistance

up to 90% RH (for varying humidity, up to 30°C)

Dimensions

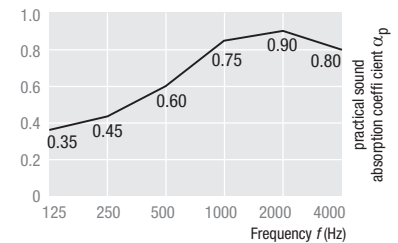
For sizes as well as supply categories please
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Thickness / Weight

21 mm / approx. 9.5 kg/m²

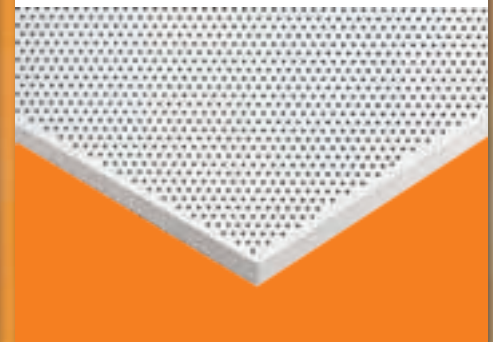
Colours

white similar to RAL 9010



Systems

Free span system with exposed or concealed suspension
 Bandraster system, concealed cross sections



THERMATEx® Fine Stratos micro perf.

Sound absorption values

$\alpha_w = 0.60$ as per EN ISO 11654
 $NRC = 0.60$ as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 34$ dB as per EN ISO 10848
 (15 mm thickness, as per test certificate)

Sound attenuation

$R_w = 21$ dB as per EN ISO 10140-2:2010

Edge details

SK, VT 15/24, AW/GN, GN/GN, SK/SK, VT/SK, AW/SK, GN/SK

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI120 as per DIN 4102 parte 2
 (see test report for full details)

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.052-0.057$ W/mK as per DIN 52612

Humidity resistance

up to 95% RH

Dimensions

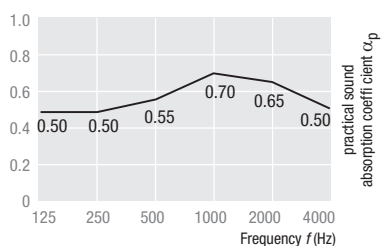
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

15 mm / approx. 4.6 kg/m², 19 mm / approx. 5.3 kg/m²

Colours

white similar to RAL 9010



Systems

- A** Concealed system, panels demountable AW/GN non-accessible GN/GN
- C** Exposed system, demountable ceiling
- F** Free span system with exposed or concealed suspension
- I** Bandrastrer system, concealed cross sections

THERMATEx® Fine Stratos

Sound absorption values

$\alpha_w = 0.20$ as per EN ISO 11654
 $NRC = 0.15$ as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 34$ dB as per EN ISO 10848
 (15 mm thickness, as per test certificate)

Sound attenuation

$R_w = 21$ dB as per EN ISO 10140-2:2010

Edge details

SK, VT 15/24, AW/GN, GN/GN, SK/SK, VT/SK, AW/SK, GN/SK

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI120 as per DIN 4102 parte 2
 (see test report for full details)

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.052-0.057$ W/mK as per DIN 52612

Humidity resistance

up to 95% RH

Dimensions

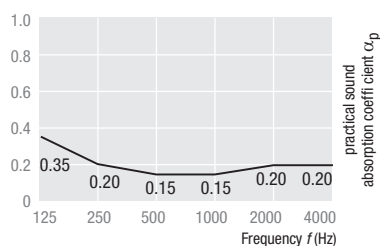
For sizes as well as supply categories please
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Thickness / Weight

15 mm / approx. 4.6 kg/m², 19 mm / approx. 5.3 kg/m²

Colours

white similar to RAL 9010



Systems

- A** Concealed system, panels demountable AW/GN non-accessible GN/GN
- C** Exposed system, demountable ceiling
- F** Free span system with exposed or concealed suspension
- I** Bandrastrer system, concealed cross sections

THERMATEx® Star

Sound absorption values

$\alpha_w = 0.60$ as per EN ISO 11654
 $NRC = 0.60$ as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 43$ dB as per EN ISO 10848
 (15 mm thickness, as per test certificate)

Sound attenuation

$R_w = 21$ dB as per EN ISO 10140-2:2010

Edge details

SK, VT 15/24, AW/GN, GN/GN, SK/SK, VT/SK, AW/SK, GN/SK

Building material class

A2-s1, d0 as per EN 13501-1

Light reflectance

up to 90%

Thermal conductivity

$\lambda = 0.052-0.057$ W/mK as per DIN 52612

Humidity resistance

up to 95% RH

Dimensions

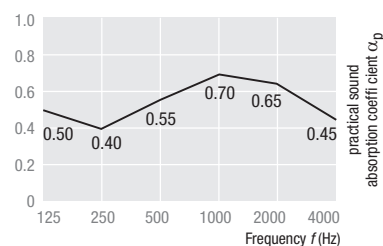
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

15 mm / approx. 4.6 kg/m², 19 mm / approx. 5.3 kg/m²

Colours

white similar to RAL 9010



Systems

- A** Concealed system, panels demountable AW/GN non-accessible GN/GN
- C** Exposed system, demountable ceiling
- F** Free span system with exposed or concealed suspension
- I** Bandrastrer system, concealed cross sections



THERMATEX® Laguna micro perf.

Sound absorption values

$\alpha_w = 0.60$ as per EN ISO 11654

$NRC = 0.60$ as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 34$ dB as per EN ISO 10848
(15 mm thickness, as per test certificate)

Sound attenuation

$R_w = 21$ dB as per EN ISO 10140-2:2010

Edge details

SK, VT 15, VT 24

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI120 as per DIN 4102 parte 2
(see test report for full details)

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.052-0.057$ W/mK as per DIN 52612

Humidity resistance

up to 95% RH

Dimensions

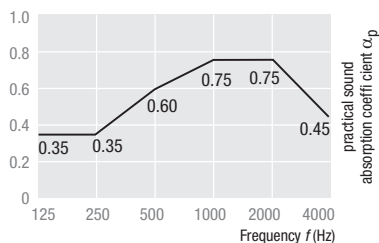
For sizes as well as supply categories please
consult www.knaufamf.com

Thickness / Weight

15 mm / approx. 4.0 kg/m²

Colours

white similar to RAL 9010



Systems

Exposed system, demountable ceiling

THERMATEX® Laguna

Sound absorption values

$\alpha_w = 0.10(L)$ as per EN ISO 11654

$NRC = 0.10$ as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 34$ dB as per EN ISO 10848
(15 mm thickness, as per test certificate)

Sound attenuation

$R_w = 21$ dB as per EN ISO 10140-2:2010

Edge details

SK, VT 15, VT 24

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI120 as per DIN 4102 parte 2
(see test report for full details)

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.052-0.057$ W/mK as per DIN 52612

Humidity resistance

up to 95% RH

Dimensions

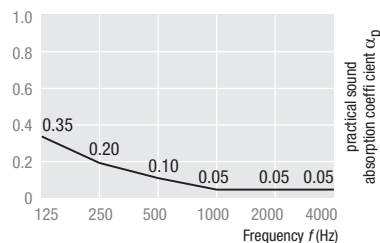
For sizes as well as supply categories please
consult www.knaufamf.com

Thickness / Weight

15 mm / approx. 4.0 kg/m²

Colours

white similar to RAL 9010



Systems

Exposed system, demountable ceiling

THERMATEX® Fresko

Sound absorption values

$\alpha_w = 0.60(H)$ as per EN ISO 11654

$NRC = 0.60$ as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 34$ dB as per EN ISO 10848
(15 mm thickness, as per test certificate)

Edge details

SK, VT 15/24, SK/SK, VT/SK, AW/SK, GN/SK

Building material class

A2-s1, d0 as per EN 13501-1

Light reflectance

up to 87%

Thermal conductivity

$\lambda = 0.052-0.057$ W/mK as per DIN 52612

Humidity resistance

up to 90% RH

Dimensions

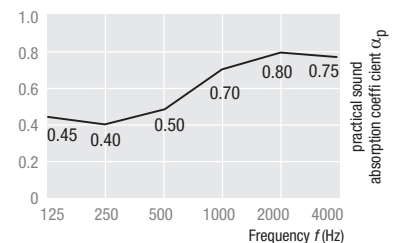
For sizes as well as supply categories please
consult www.knaufamf.com

Thickness / Weight

15 mm / approx. 4.0 kg/m², 19 mm / approx. 5.3 kg/m²

Colours

white similar to RAL 9010



Systems

Exposed system, demountable ceiling

Free span system with exposed or concealed suspension

Bandrastrer system, concealed cross sections



THERMATEx® Mercure

Sound absorption values

$\alpha_w = 0.60$ as per EN ISO 11654

$NRC = 0.60$ as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 34$ dB as per EN ISO 10848
(15 mm thickness, as per test certificate)

Sound attenuation

$R_w = 21$ dB as per EN ISO 10140-2:2010

Edge details

SK, VT 15/24, AW/GN, GN/GN, SK/SK, VT/SK, AW/SK, GN/SK

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI20 as per DIN 4102 parte 2
(see test report for full details)

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.052$ -0.057 W/mK as per DIN 52612

Humidity resistance

up to 95% RH

Dimensions

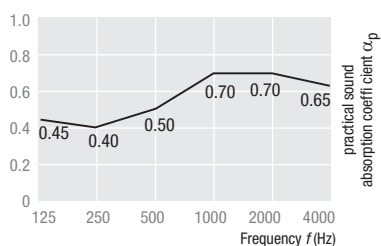
For sizes as well as supply categories please
consult www.knaufamf.com

Thickness / Weight

15 mm / approx. 4.0 kg/m², 19 mm / approx. 5.3 kg/m²

Colours

white similar to RAL 9010



Systems

- A** Concealed system, panels demountable AW/GN non-accessible GN/GN
- C** Exposed system, demountable ceiling
- F** Free span system with exposed or concealed suspension
- I** Bandrastrer system, concealed cross sections

THERMATEx® Symetra Rg 4-10

Sound absorption values

$\alpha_w = 0.70$ as per EN ISO 11654

$NRC = 0.70$ as per ASTM C 423

Edge details

SK, VT 15/24, VT_S 15F, AW/GN

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI90 as per DIN 4102 parte 2
(see test report for full details)

Light reflectance

up to 87%

Thermal conductivity

$\lambda = 0.052$ -0.057 W/mK as per DIN 52612

Humidity resistance

up to 90% RH

Dimensions

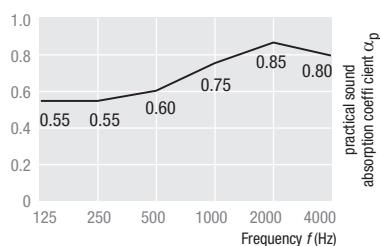
For sizes as well as supply categories please
consult www.knaufamf.com

Thickness / Weight

15 mm / approx. 4.0 kg/m², 19 mm / approx. 5.3 kg/m²

Colours

white similar to RAL 9010



Systems

- A** Concealed system, panels demountable AW/GN non-accessible GN/GN
- C** Exposed system, demountable ceiling

THERMATEx® Aquatec

Sound absorption values

$\alpha_w = 0.90$ as per EN ISO 11654

$NRC = 0.90$ as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 28$ dB as per EN ISO 10848
(19 mm thickness, as per test certificate)

Edge details

SK, VT-S 15/24, AW/GN

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI20 as per DIN 4102 parte 2
(see test report for full details)

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.040$ W/mK as per EN 12667

Humidity resistance

up to 100% RH

Dimensions

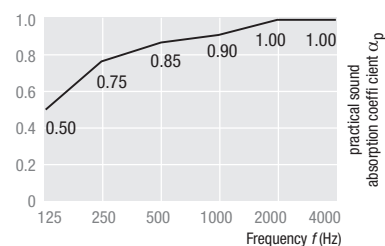
For sizes as well as supply categories please
consult www.knaufamf.com

Thickness / Weight

19 mm / approx. 5.2 kg/m²

Colours

white similar to RAL 9010



Systems

- A** Concealed system, panels demountable AW/GN non-accessible GN/GN
- C** Exposed system, demountable ceiling





THERMATEX® Aquatec Hygena

Sound absorption values

$\alpha_w = 0.90$ as per EN ISO 11654
 $NRC = 0.90$ as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 28$ dB as per EN ISO 10848
 (19 mm thickness, as per test certificate)

Edge details

SK, VT-S 15/24, AW/GN

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI120 as per DIN 4102 parte 2
 (see test report for full details)

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.040$ W/mK as per EN 12667

Humidity resistance

up to 100% RH

Hygiene

prevents bacteria and fungi

Clean room

Class 3 as per ISO 14644-1

Dimensions

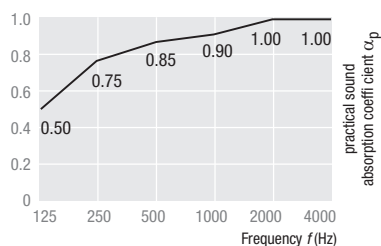
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

19 mm / approx. 5.2 kg/m²

Colours

white similar to RAL 9010



Systems

- A** Concealed system, panels demountable AW/GN non-accessible GN/GN
- C** Exposed system, demountable ceiling

THERMATEX® Thermaclean S

Sound absorption values

$\alpha_w = 0.10$ (L) as per EN ISO 11654
 $NRC = 0.15$ as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 34$ dB as per EN ISO 10848
 (15 mm thickness, as per test certificate)

Sound attenuation

$R_w = 19$ dB as per EN ISO 10140-2:2010

Edge details

SK

Building material class

A2-s3, d0 as per EN 13501-1

Fire

REI30 - REI90 as per DIN 4102 parte 2
 (see test report for full details)

Light reflectance

up to 91%

Thermal conductivity

$\lambda = 0.052$ -0.057 W/mK as per DIN 52612

Humidity resistance

up to 95% RH

Hygiene

prevents bacteria and fungi

Clean room

Class 3 as per ISO 14644-1

Dimensions

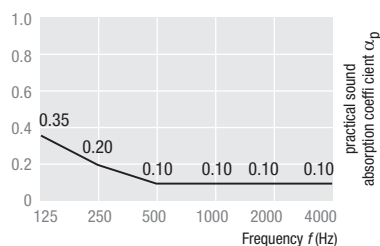
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

15 mm / approx. 4.0 kg/m²

Colours

S-white



Systems

- C** Exposed system, demountable ceiling

THERMATEX® Acoustic Hygena

Sound absorption values

$\alpha_w = 0.65$ (H) as per EN ISO 11654
 $NRC = 0.70$ as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 38$ dB as per EN ISO 10848
 (19 mm thickness, as per test certificate)

Sound attenuation

$R_w = 22$ dB as per EN ISO 10140-2:2010

Edge details

SK

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI120 as per DIN 4102 parte 2
 (see test report for full details)

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.052$ -0.057 W/mK as per DIN 52612

Humidity resistance

up to 95% RH

Hygiene

prevents bacteria and fungi

Clean room

Class 4 as per ISO 14644-1

Dimensions

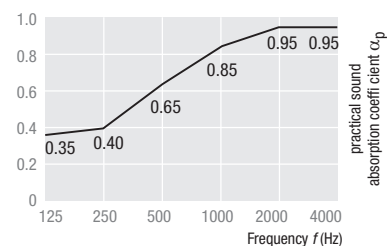
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

19 mm / approx. 4.6 kg/m²

Colours

white similar to RAL 9010



Systems

- C** Exposed system, demountable ceiling



THERMATEX® Alpha Hygena

Sound absorption values

$\alpha_w = 0.95$ as per EN ISO 11654
NRC = 0.90 as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 28$ dB as per EN ISO 10848
 (19 mm thickness, as per test certificate)

Sound attenuation

$R_w = 14$ dB as per EN ISO 10140-2:2010

Edge details

SK, VT-S 15/24, VT-S 15F

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI90 as per DIN 4102 parte 2
 (see test report for full details)

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.040$ W/mK as per EN 12667

Humidity resistance

up to 95% RH

Hygiene

prevents bacteria and fungi

Clean room

Class 4 as per ISO 14644-1

Dimensions

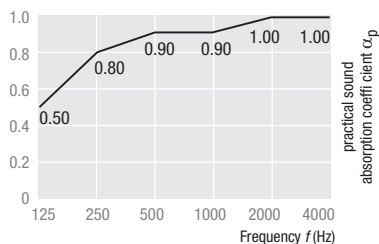
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

19 mm / approx. 3.3 kg/m²

Colours

white similar to RAL 9010



Systems

Exposed system, demountable ceiling

THERMATEX® Thermofon Hygena

Sound absorption values

$\alpha_w = 0.80$ (H) as per EN ISO 11654
NRC = 0.85 as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 28$ dB as per EN ISO 10848
 (15 mm thickness, as per test certificate)

Sound attenuation

$R_w = 13$ dB as per EN ISO 10140-2:2010

Edge details

SK, VT-S 15/24

Building material class

A2-s1, d0 as per EN 13501-1

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.038$ W/mK as per DIN 12667

Humidity resistance

up to 95% RH

Hygiene

prevents bacteria and fungi

Clean room

Class 4 as per ISO 14644-1

Dimensions

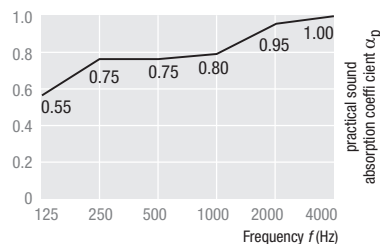
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

15 mm / approx. 2.6 kg/m²

Colours

white similar to RAL 9010



Systems

Exposed system, demountable ceiling

THERMATEX® Schlicht Hygena

Sound absorption values

$\alpha_w = 0.10$ (L) as per EN ISO 11654
NRC = 0.10 as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 34$ dB as per EN ISO 10848
 (15 mm thickness, as per test certificate)

Sound attenuation

$R_w = 21$ dB as per EN ISO 10140-2:2010

Edge details

SK, VT 15/24

Building material class

A2-s1, d0 as per EN 13501-1

Light reflectance

up to 92%

Thermal conductivity

$\lambda = 0.052$ -0.057 W/mK as per DIN 52612

Humidity resistance

up to 95% RH

Hygiene

prevents bacteria and fungi

Clean room

Class 4 as per ISO 14644-1

Dimensions

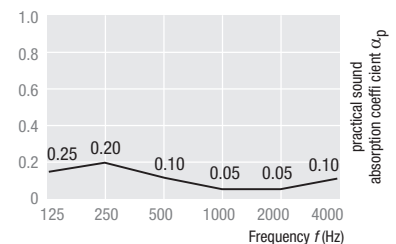
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

15 mm / approx. 4.0 kg/m², 19 mm / approx. 5.3 kg/m²

Colours

white similar to RAL 9010



Systems

Exposed system, demountable ceiling



ECOMIN Filigran

Sound absorption values

$\alpha_w = 0.55$ (L) as per EN ISO 11654
NRC = 0.50 as per ASTM C 423

Edge details

SK

Building material class

A2-s1, d0 as per EN 13501-1

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.052$ - 0.057 W/mK as per DIN 52612

Humidity resistance

up to 70% RH

Dimensions

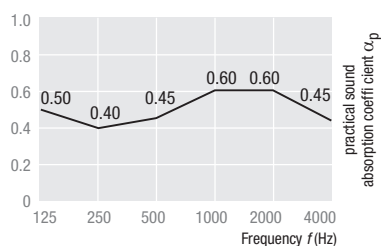
For sizes as well as supply categories please consult www.knaufamf.com

Thickness / Weight

13 mm / approx. 3.6 kg/m²

Colours

white similar to RAL 9010



Systems

Exposed system, demountable ceiling

ECOMIN Orbit

Sound absorption values

$\alpha_w = 0.10$ (L) as per EN ISO 11654
NRC = 0.15 as per ASTM C 423

Edge details

SK

Building material class

A2-s1, d0 as per EN 13501-1

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.052$ - 0.057 W/mK as per DIN 52612

Humidity resistance

up to 70% RH

Dimensions

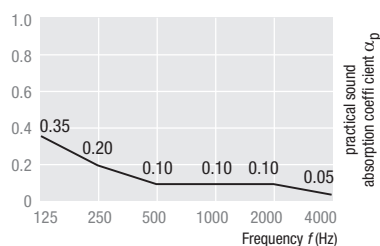
For sizes as well as supply categories please consult www.knaufamf.com

Thickness / Weight

13 mm / approx. 3.6 kg/m²

Colours

white similar to RAL 9010



Systems

Exposed system, demountable ceiling

ECOMIN Orbit micro

Sound absorption values

$\alpha_w = 0.50$ (L) as per EN ISO 11654
NRC = 0.50 as per ASTM C 423

Edge details

SK

Building material class

A2-s1, d0 as per EN 13501-1

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.052$ - 0.057 W/mK as per DIN 52612

Humidity resistance

up to 70% RH

Dimensions

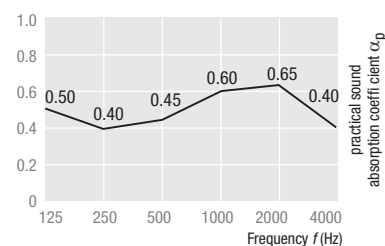
For sizes as well as supply categories please consult www.knaufamf.com

Thickness / Weight

13 mm / approx. 3.5 kg/m²

Colours

white similar to RAL 9010



Systems

Exposed system, demountable ceiling



ECOMIN Planet

Sound absorption values

$\alpha_w = 0.55$ as per EN ISO 11654
NRC = 0.55 as per ASTM C 423

Edge details

SK

Building material class

A2-s1, d0 as per EN 13501-1

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.052-0.057$ W/mK as per DIN 52612

Humidity resistance

up to 70% RH

Dimensions

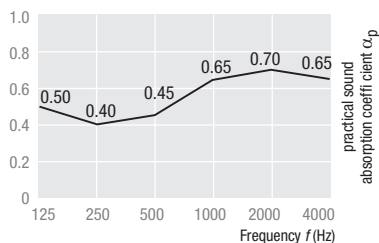
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

13 mm / approx. 3.5 kg/m²

Colours

white similar to RAL 9010



Systems

Exposed system, demountable ceiling

THERMATEX® Nevada

Sound absorption values

$\alpha_w = 0.15$ (L) as per EN ISO 11654
NRC = 0.20 as per ASTM C 423

Edge details

SK

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 as per DIN 4102 parte 2
 (see test report for full details)

Light reflectance

up to 90%

Thermal conductivity

$\lambda = 0.052-0.057$ W/mK as per DIN 52612

Humidity resistance

up to 70% RH

Dimensions

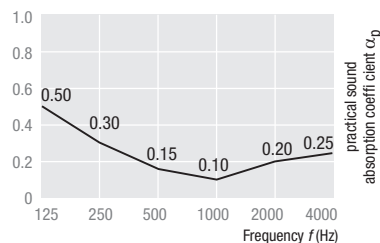
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

13 mm / approx. 3.5 kg/m²

Colours

white similar to RAL 9010



Systems

Exposed system, demountable ceiling

THERMATEX® Trento

Sound absorption values

$\alpha_w = 0.55$ as per EN ISO 11654
NRC = 0.55 as per ASTM C 423

Edge details

SK

Building material class

A2-s1, d0 as per EN 13501-1

Light reflectance

up to 88%

Thermal conductivity

$\lambda = 0.052-0.057$ W/mK as per DIN 52612

Humidity resistance

up to 90% RH

Dimensions

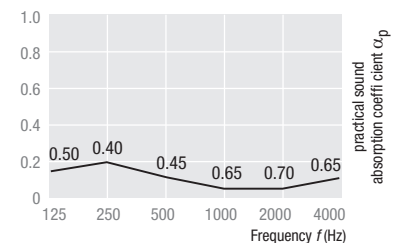
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

13 mm / approx. 3.5 kg/m²

Colours

white similar to RAL 9010



Systems

Exposed system, demountable ceiling



THERMATEx® Varioline Wood

Sound absorption values

$\alpha_w = 0.95$ as per EN ISO 11654
NRC = 0.90 as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 28$ dB as per EN ISO 10848
 (19 mm thickness, as per test certificate)

Edge details

SK, VT-S 15/24, VT-S 15F

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI90 as per DIN 4102 parte 2
 (see test report for full details)

Thermal conductivity

$\lambda = 0,040$ W/mK as per EN 12667

Humidity resistance

up to 95% RH

Dimensions

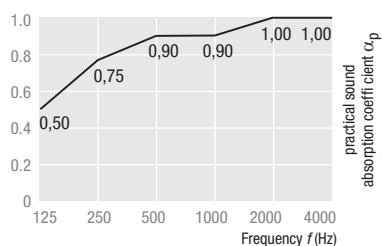
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

19 mm / approx. 3,1 kg/m²

Colours

Wood decor



Systems

Exposed system, demountable ceiling

THERMATEx® Varioline Metal

Sound absorption values

$\alpha_w = 0.95$ as per EN ISO 11654
NRC = 0.90 as per ASTM C 423

Edge details

SK, VT-S 15/24, VT-S 15F

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI90 as per DIN 4102 parte 2
 (see test report for full details)

Thermal conductivity

$\lambda = 0,040$ W/mK as per EN 12667

Humidity resistance

up to 95% RH

Dimensions

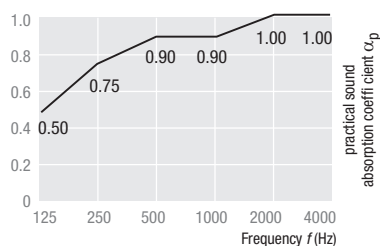
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

19 mm / approx. 3.1 kg/m²

Colours

Perforation image



Systems

Exposed system, demountable ceiling

THERMATEx® Varioline Motif

Sound absorption values

$\alpha_w = 0.95$ as per EN ISO 11654
NRC = 0.90 as per ASTM C 423

Edge details

SK, VT-S 15/24, VT-S 15F

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI90 as per DIN 4102 parte 2
 (see test report for full details)

Thermal conductivity

$\lambda = 0,040$ W/mK as per EN 12667

Humidity resistance

up to 95% RH

Dimensions

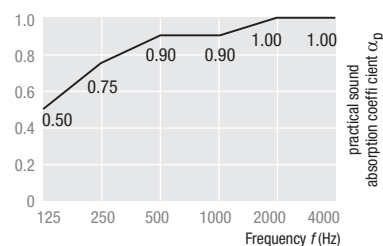
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

19 mm / approx. 3.1 kg/m²

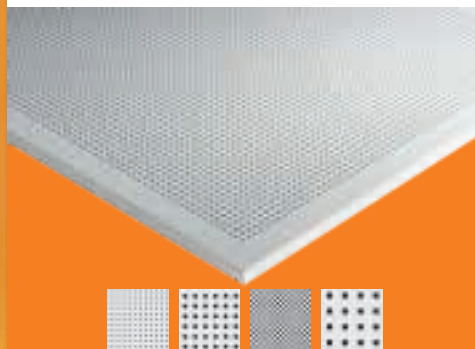
Colours

Motif image



Systems

Exposed system, demountable ceiling



THERMATEX® Varioline Urban Style

Sound absorption values

$\alpha_w = 0.95$ as per EN ISO 11654

$NRC = 0.90$ as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 28$ dB as per EN ISO 10848

(19 mm thickness, as per test certificate)

Edge details

SK, VT-S 15/24, VT-S 15F

Building material class

A2-s1, d0 as per EN 13501-1

Fire

REI30 - REI90 as per DIN 4102 parte 2

(see test report for full details)

Thermal conductivity

$\lambda = 0.040$ W/mK as per EN 12667

Humidity resistance

up to 95% RH

Dimensions

For sizes as well as supply categories please

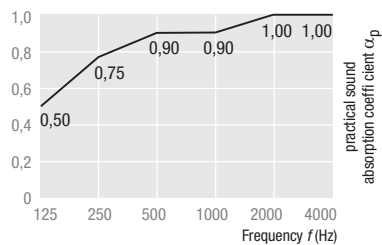
consult www.knaufamf.com

Thickness / Weight

19 mm / approx. 3.1 kg/m²

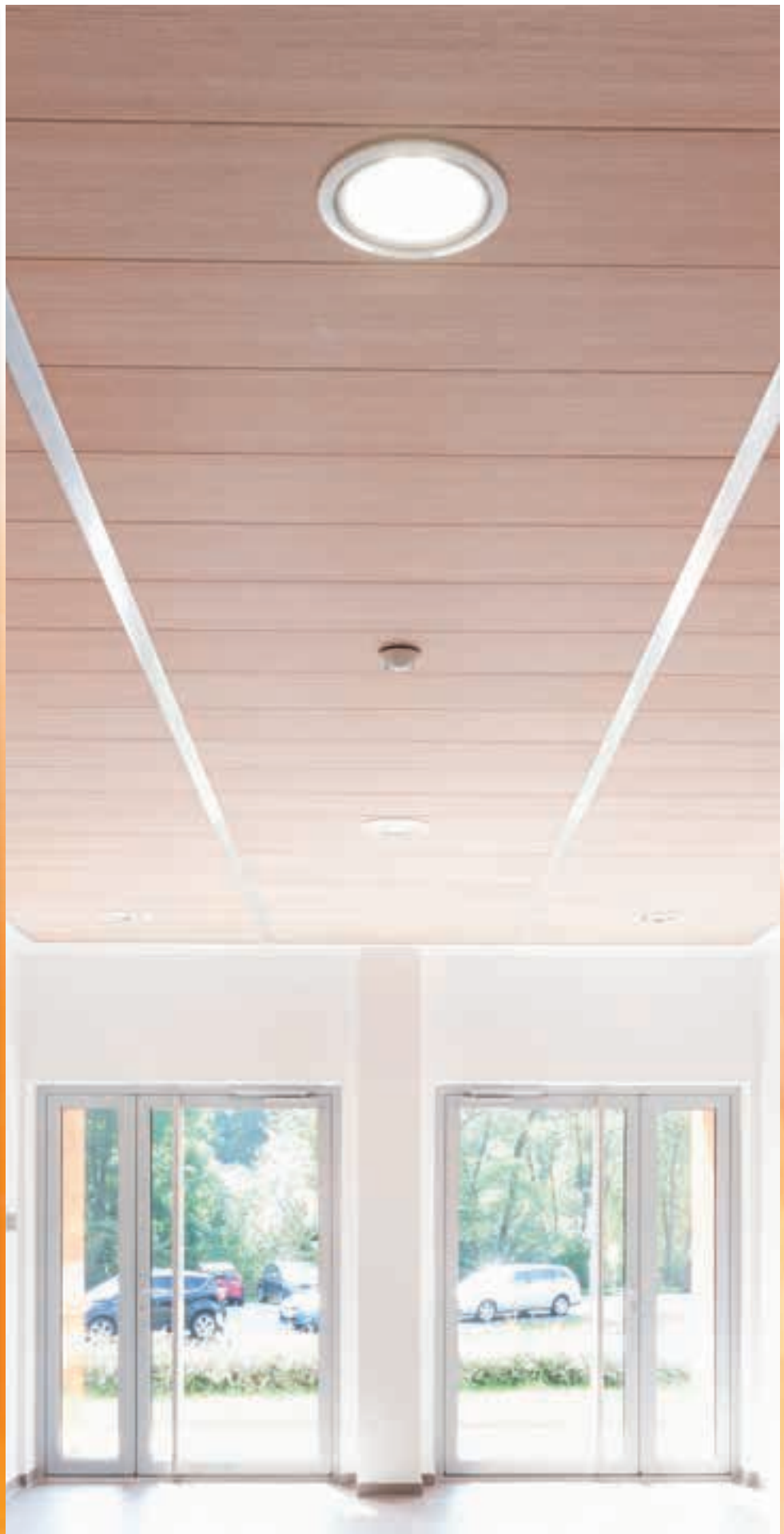
Colours

Material texture



Systems

Exposed system, demountable ceiling



Concrete Wood wool Brick Papyrus



HERADESIGN® superfine

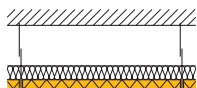
Sound absorption values

- 1 α_w up to 0.85 $NRC =$ up to 0.85



with acoustic lining

- 2 α_w up to 1.00 $NRC =$ up to 1.00



suspended with acoustic lining

Humidity resistance

up to 95% RH

Dimensions

For sizes as well as supply categories please consult www.knaufamf.com

Thickness / Weight

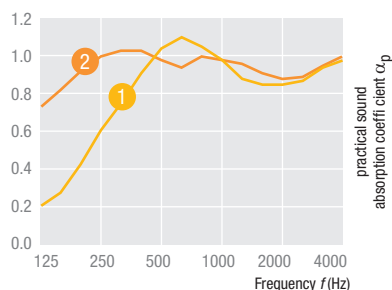
15 mm / 7.8 kg/m²

25 mm / 11.3 kg/m²

35 mm / 15.0 kg/m²

Colours

White, similar to RAL 9010 / beige – natural tone 13
(further shades available from colour systems such as RAL, NCS, BS or StoColor)



Systems

- A Suspended ceiling with concealed T-profiles
- B Screw mounting onto wooden laths
Screw mounting onto CD profiles
- C Suspended ceiling with exposed T-profiles

HERADESIGN® fine

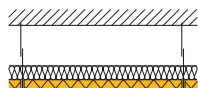
Sound absorption values

- 1 α_w up to 0.80 $NRC =$ up to 0.85



with acoustic lining

- 2 α_w up to 0.90 $NRC =$ up to 1.00



suspended with acoustic lining

Humidity resistance

up to 95% RH

Dimensions

For sizes as well as supply categories please consult www.knaufamf.com

Thickness / Weight

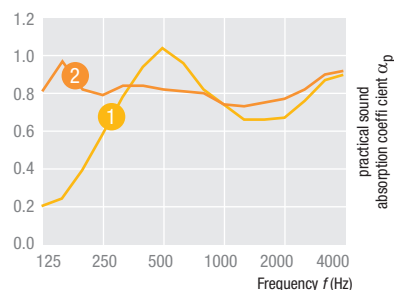
15 mm / 8.2 kg/m²

25 mm / 12.4 kg/m²

35 mm / 16.3 kg/m²

Colours

White, similar to RAL 9010 / beige – natural tone 13
(further shades available from colour systems such as RAL, NCS, BS or StoColor)



Systems

- A Suspended ceiling with concealed T-profiles
- B Screw mounting onto wooden laths
Screw mounting onto CD profiles
- C Suspended ceiling with exposed T-profiles

HERADESIGN® macro

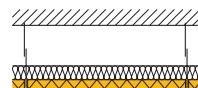
Sound absorption values

- 1 α_w up to 0.70 $NRC =$ up to 0.75



with acoustic lining

- 2 α_w up to 0.70 $NRC =$ up to 0.75



suspended with acoustic lining

Humidity resistance

up to 95% RH

Dimensions

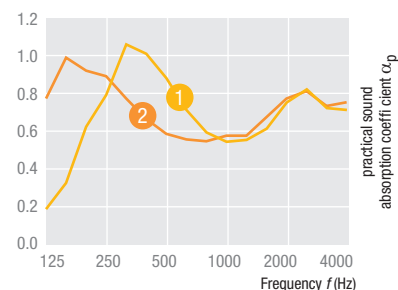
For sizes as well as supply categories please consult www.knaufamf.com

Thickness / Weight

25 mm / 12.4 kg/m²

Colours

White, similar to RAL 9010 / beige – natural tone 13
(further shades available from colour systems such as RAL, NCS, BS or StoColor)



Systems

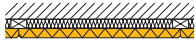
- A Suspended ceiling with concealed T-profiles
- B Screw mounting onto wooden laths
Screw mounting onto CD profiles
- C Suspended ceiling with exposed T-profiles



HERADESIGN® micro

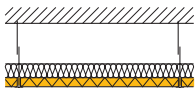
Sound absorption values

- 1 α_w up to 0.35 NRC = up to 0.35



with acoustic lining

- 2 α_w up to 0.45 NRC = up to 0.45



suspended with acoustic lining

Humidity resistance

up to 95% RH

Dimensions

For sizes as well as supply categories please consult www.knaufamf.com

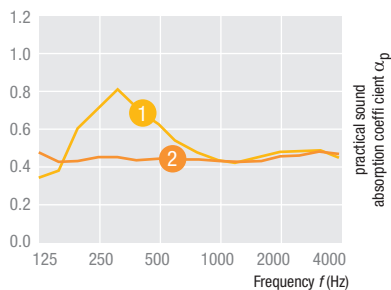
Thickness / Weight

25 mm / 15.0 kg/m²

35 mm / 19.0 kg/m²

Colours

White, similar to RAL 9010 / beige – natural tone 13
(further shades available from colour systems such as RAL, NCS, BS or StoColor)



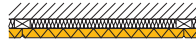
Systems

- A Suspended ceiling with concealed T-profiles
- B Screw mounting onto wooden laths
Screw mounting onto CD profiles
- C Suspended ceiling with exposed T-profiles

HERADESIGN® plano

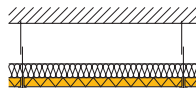
Sound absorption values

- 1 α_w up to 0.30 NRC = up to 0.30



with acoustic lining

- 2 α_w up to 0.30 NRC = up to 0.30



suspended with acoustic lining

Humidity resistance

up to 95% RH

Dimensions

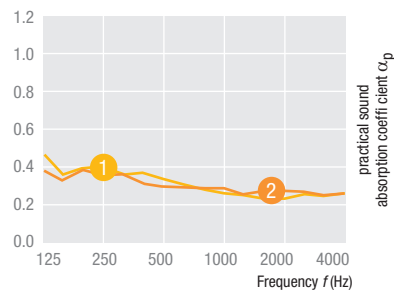
For sizes as well as supply categories please consult www.knaufamf.com

Thickness / Weight

25 mm / 15.0 kg/m²

Colours

White, similar to RAL 9010 / beige – natural tone 13
(further shades available from colour systems such as RAL, NCS, BS or StoColor)



Systems


















- A Suspended ceiling with concealed T-profiles
- B Screw mounting onto wooden laths
Screw mounting onto CD profiles
- C Suspended ceiling with exposed T-profiles



System edges HERADESIGN®



The HERADESIGN® acoustic panels can be supplied with different edge designs to correspond to the architectural concept and the planned installation type. This way, HERADESIGN® acoustic panels can be used for almost all common suspension systems and installation methods.

Abbreviation	Design	Description of the edge	HERADESIGN® <i>macro</i> ⁷⁾		HERADESIGN® <i>fine</i>		HERADESIGN® <i>superfine</i>		HERADESIGN® <i>micro</i>		HERADESIGN® <i>plano</i> ^{7) 9)}		Recommended section width ⁸⁾ mm	Comments	Grid dimensions ²⁾ L/W mm	Panel dimensions L/W mm
			25	15	25	35	15	25	35	25	35	25				
System edges: screw mounting																
GK		straight edge on all sides	•	•	•	•	•	•	•	–	–	–	60	1) 3)	600/600 1200/600	600/600 1200/600
AK-00		bevelled on long sides, 5 mm bevel, straight edge on the face side	•	•	•	•	•	•	•	•	•	–	60	3)	600/600 625/625 1200/600 1250/625	600/600 625/625 1200/600 1250/625
AK-01		edge bevelled on all sides, 5 mm bevel	•	•	•	•	•	•	•	•	•	•	60	3)	600/600 625/625 1200/600 1250/625	600/600 625/625 1200/600 1250/625
AK-02 /5		straight edge with shi lap on all sides, 5 mm joint width	•	–	•	•	–	•	•	•	•	–	60	3)	600/600 625/625 1200/600 1250/625	600/600 625/625 1200/600 1250/625
AK-02 /10		straight edge with shi lap on all sides, 10 mm joint width	•	–	•	•	–	•	•	•	•	–	60	3)	600/600 625/625 1200/600 1250/625	600/600 625/625 1200/600 1250/625
AK-02 /20		straight edge with shi lap on all sides, 20 mm joint width	•	–	•	•	–	•	•	•	•	–	60	3)	600/600 625/625 1200/600 1250/625	600/600 625/625 1200/600 1250/625
AK-03		shi lap on all sides with bevelled edge, 5 mm bevel, 20 mm joint width	•	–	•	•	–	•	•	•	•	–	60	3)	600/600 625/625 1200/600 1250/625	600/600 625/625 1200/600 1250/625
VK-12		shi lap all round on alternating sides with bevelled edge, 5 mm bevel	–	–	–	•	–	–	•	–	•	–	60	3)	1190/590 1240/615	1200/600 1250/625
System edges: HERADESIGN® Exposed Grid System 24/38, insertion installation																
SK-04		straight edge on all sides	•	•	•	•	•	•	•	•	•	•	24	2) 4) 6)	600/600 625/625 1200/600 1250/625	594/594 619/619 1194/594 1244/619
SK-05		straight edge with shi lap on all sides	•	–	•	•	–	•	•	•	•	–	24	2) 4)	600/600 625/625 1200/600 1250/625	594/594 619/619 1194/594 1244/619
SK-06		shi lap on all sides with bevelled edge, 5 mm bevel	•	–	•	•	–	•	•	•	•	•	24	2) 4)	600/600 625/625 1200/600 1250/625	594/594 619/619 1194/594 1244/619
System edges: HERADESIGN® Concealed Grid System 35/38, slide-in installation																
VK-09		grooved and bevelled on all sides, 5 mm bevel Note: The system can't be disassembled!	•	–	•	•	–	•	•	•	•	•	35	3) 5)	600/600 1200/600	600/600 1200/600
VK-10		grooved on long sides and bevelled on all sides, 5 mm bevel Note: The system can be disassembled!	–	–	–	•	–	–	•	–	•	–	35	2) 3) 5)	600/600 1200/600	600/615 1200/615
VK-10 /5		grooved on long sides and straight edge on all sides with 5 mm bevel all round Note: The system can be disassembled!	–	–	–	•	–	–	•	–	•	–	35	2) 3) 5)	600/600 1200/600	600/615 1200/615
System edges: special installation (special sections)																
SY-02		for HERADESIGN® holding profiles, grooved on long sides and bevelled on all sides, 5 mm bevel	•	–	•	•	–	•	•	•	•	•	35	3)	600 625	600/600 625/625 1200/600 1250/625
SY-03		for concealed top hat sections straight edge on all sides with 5 mm bevel all round	•	–	•	•	–	•	•	•	•	–	12	2) 4)	600/600 625/625 1200/600 1250/600	600/595 625/620 1200/595 1250/620
SY-08		for visible top hat sections straight edges on long sides, bevelled edges on the face side	•	–	•	•	–	•	•	•	•	–	20	2) 4)	620 645	600/595 625/620 1200/595 1250/620

- 1) The straight edge is not an exposed edge: only produced at the request of the customer (max. panel width 600 mm).
- 2) The billing dimensions or the ordering dimensions are always the grid dimensions.
- 3) Installation pattern in cross joints requires careful installation, because four panel edges have to meet at one point.
- 4) The panel dimensions are smaller than the grid dimensions.
- 5) Special formats only on request. For lengths of over 1800 mm, please contact customer services.
- 6) Products of 15 mm thickness are only available in the sizes 600/600 or 625/625.
- 7) Panel width max. 600 mm.
- 8) For screw mounting, the section width also applies to the wooden substructure.
- 9) For HERADESIGN® *plano*, the bevel at the AK-01, SK-06, VK-09, SY-02 edges is only 3 mm.

TOPIQ® Prime

Sound absorption values

$\alpha_w = 0,95$ as per EN ISO 11654
NRC = 0,90 as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 24$ dB as per EN ISO 10848
 (15 mm thickness, as per test certificate)

Sound attenuation

$R_w = 13$ dB as per EN ISO 10140-2:2010

Edge details

SK, VT-S 15/24, VT-S 15F

Light reflectance

For white similar to RAL 9010 glare-free approx. 88%

Humidity resistance

up to 100% relative humidity

Dimensions

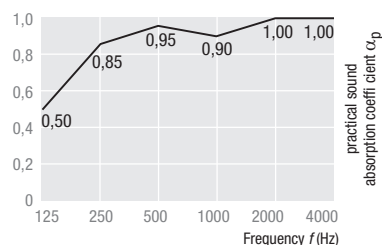
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight

15 mm / approx. 2,1 kg/m²

Colours

white similar to RAL 9010



Systems

 Exposed system, demountable ceiling

TOPIQ® Efficient pro

Sound absorption values

$\alpha_w = 1,00$ as per EN ISO 11654
NRC = 0,95 as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 25$ dB as per EN ISO 10848
 (20 mm thickness, as per test certificate)

Sound attenuation

$R_w = 15$ dB as per EN ISO 10140-2:2010

Edge details

SK, VT-S 15/24, VT-S 15F

Light reflectance

For white similar to RAL 9010 glare-free approx. 88%

Humidity resistance

up to 100% relative humidity

Dimensions

For sizes as well as supply categories please
 consult www.knaufamf.com

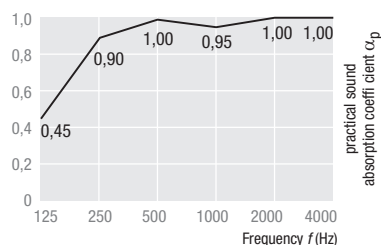
Thickness / Weight

20 mm / approx. 2,8 kg/m²


Colours

white similar to RAL 9010

black similar to RAL 9004 (only for SK edges available)



Systems

 Exposed system, demountable ceiling

TOPIQ® Prime Hygena

Sound absorption values

$\alpha_w = 0,95$ as per EN ISO 11654
NRC = 0,90 as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 24$ dB as per EN ISO 10848
 (15 mm thickness, as per test certificate)

Sound attenuation

$R_w = 13$ dB as per EN ISO 10140-2:2010

Edge details

SK, VT-S 15/24, VT-S 15F

Light reflectance

For white similar to RAL 9010 glare-free approx. 88%

Humidity resistance

up to 100% relative humidity

Clean room classification

classe 5 as per a ISO 14644-1

NF S 90-351:2013

zone 4

bacteriological purity class: M1

decontamination class: CP_(0,5) 5

Dimensions

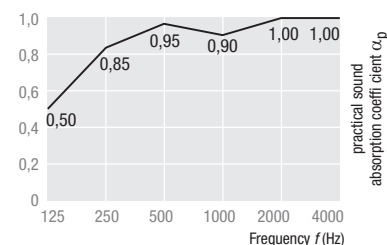
For sizes as well as supply categories please
 consult www.knaufamf.com

Thickness / Weight


15 mm / approx. 2,1 kg/m²

Colours

white similar to RAL 9010



Systems

 Exposed system, demountable ceiling



TOPIQ® Efficient pro Hygena

Sound absorption values

$\alpha_w = 1,00$ as per EN ISO 11654

$NRC = 0,95$ as per ASTM C 423

Sound attenuation

$D_{n,f,w} = 25$ dB as per EN ISO 10848

(20 mm thickness, as per test certificate)

Sound attenuation

$R_w = 15$ dB as per EN ISO 10140-2:2010

Edge details

SK, VT-S 15/24, VT-S 15F

Light reflectance

For white similar to RAL 9010 glare-free approx. 88%

Humidity resistance

up to 100% relative humidity

Clean room classification

classe 5 as per a ISO 14644-1

NF S 90-351:2013

zone 4

bacteriological purity class: M1

decontamination class: CP_(0,5) 5

Dimensions

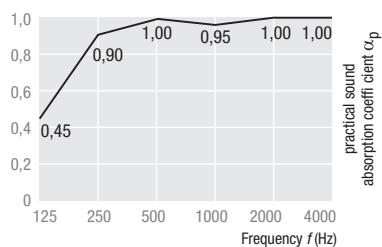
For sizes as well as supply categories please consult www.knaufamf.com

Thickness / Weight


20 mm / approx. 2,6 kg/m²

Colours

white similar to RAL 9010



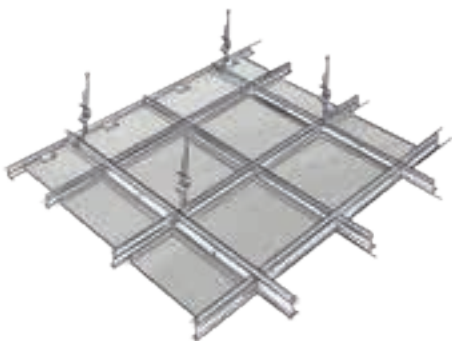
Systems

 Exposed system, demountable ceiling



MONDENA® System C

Exposed System
Lay in system VT



System advantages:

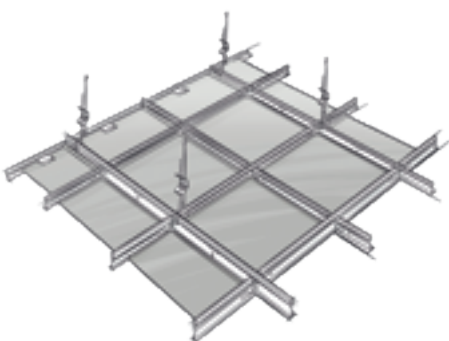
- Affordable and economical ceiling solution
- Cassettes installed and demounted without tools
- The tiles can be removed by hand at any time, providing quick and simple access to the ceiling void.

Application areas:

- Ideal for administrative and industrial buildings, retail spaces, hotels, department stores, schools, exhibition rooms, offices, changing rooms, etc.

MONDENA® System C

Exposed System
Lay in system SK



System advantages:

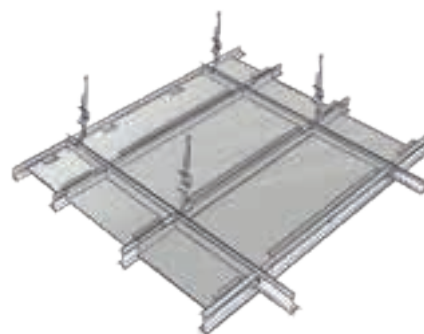
- Affordable and economical ceiling solution
- Cassettes installed and demounted without tools
- The tiles can be removed by hand at any time, providing quick and simple access to the ceiling void.

Application areas:

- Ideal for administrative and industrial buildings, retail spaces, hotels, department stores, schools, exhibition rooms, offices, changing rooms, sanitary facilities, etc.

MONDENA® System C

Exposed System
Lay in system SK
plank cassette

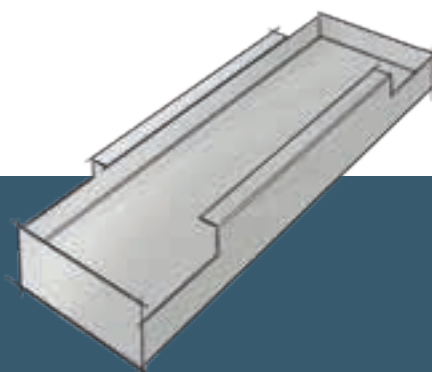
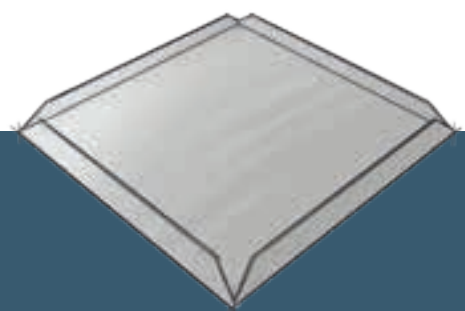
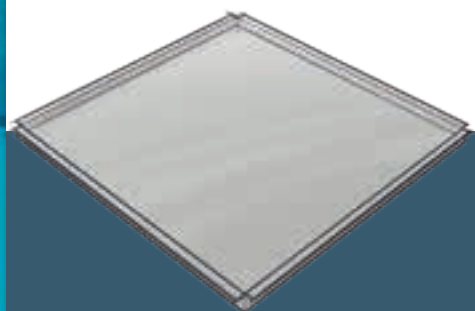


System advantages:

- Affordable and economical ceiling solution
- Cassettes installed and demounted without tools
- The tiles can be removed by hand at any time, providing quick and simple access to the ceiling void.

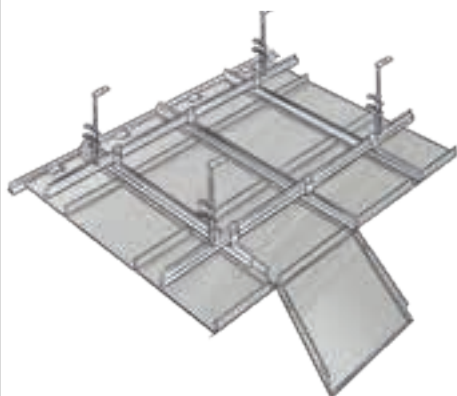
Application areas:

- Ideal for administrative and industrial buildings, retail spaces, hotels, department stores, schools, exhibition rooms, offices, changing rooms, sanitary facilities, corridors etc.
- Large areas



MONDENA® System A

Concealed System Clip in system square cassettes

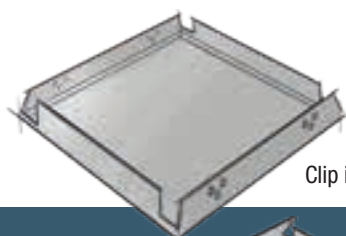


System advantages:

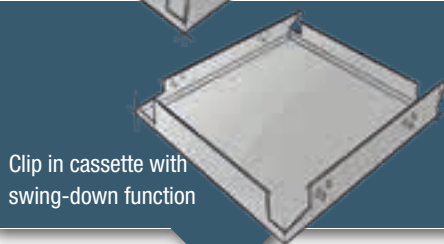
- Concealed grid construction
- Easy to adjust to the room geometry
- The ceiling tiles can be individually removed at any time (optional swing-down)
- Efficient and simple installation
- Very stable system

Application areas:

- For small and large areas
- Ideal for administrative and industrial buildings, retail spaces, department stores, exhibition rooms, office buildings, service rooms, sanitary facilities, technical rooms, commercial kitchens etc.
- For ceiling areas with high maintenance requirements



Clip in cassette

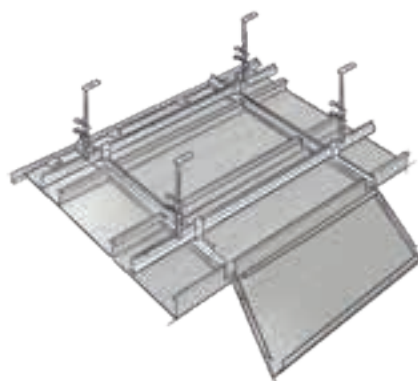


Clip in cassette with swing-down function



MONDENA® System A

Concealed System Clip in system planks

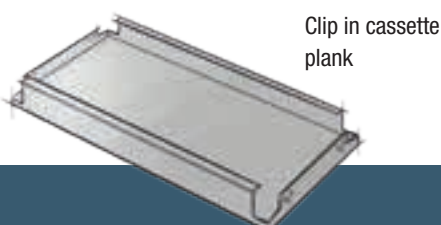


System advantages:

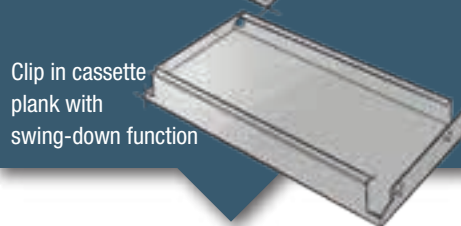
- Concealed grid construction
- Easy to adjust to the room geometry
- The ceiling tiles can be individually removed at any time (optional swing-down)
- Simple and easy installation
- Very stable system

Application areas:

- For small and large areas
- Ideal for administrative and industrial buildings, retail spaces, department stores, exhibition rooms, office buildings, service rooms, sanitary facilities, technical rooms, commercial kitchens etc.
- Suitable for heated or chilled ceiling systems
- For ceiling areas with high maintenance requirements



Clip in cassette plank



Clip in cassette plank with swing-down function



MONDENA® System A

Concealed System hook on system planks

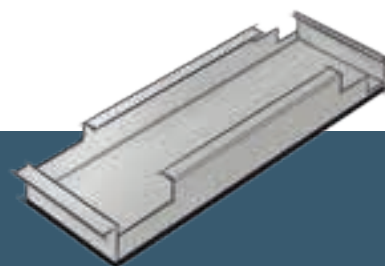


System advantages:

- Concealed grid construction
- Easy to adjust to the room geometry
- The ceiling tiles can be individually removed at any time
- Simple and easy installation
- Demountable without tools
- Large size tiles

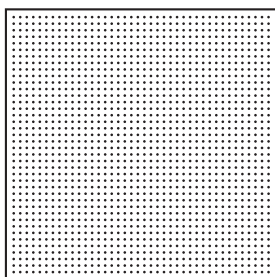
Application areas:

- For small and large areas
- Ideal for areas with heavy foot-flow (e.g. airports and train stations)
- Ideal for administrative and industrial buildings, retail spaces, department stores, exhibition rooms, office buildings, etc.
- Also suitable for heated and chilled ceiling systems

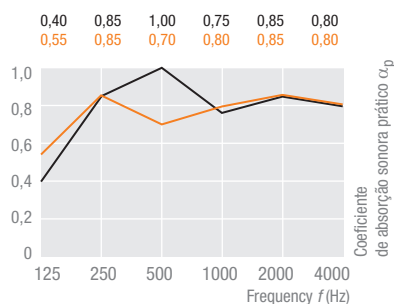


Perforations Overview

Rg 1613

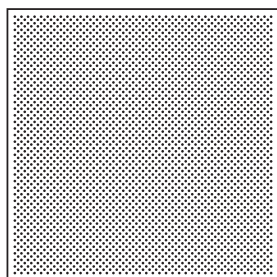


- Hole diameter 1,60 mm
- Rg – Round perforations in straight rows
- Free area 13,0%

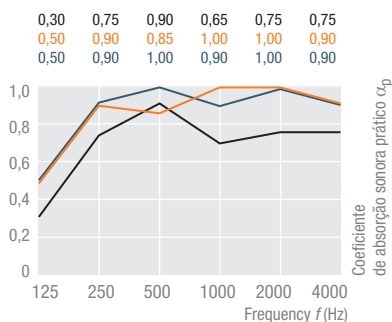


Suspension height	Sound absorption	
	α_w	NRC
200 mm	0,85	0,85
400 mm	0,80(L)	0,75

Rd 1625

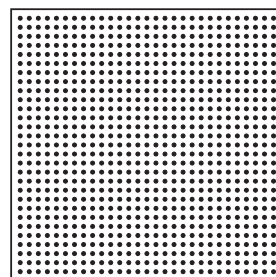


- Hole diameter 1,60 mm
- Rd – Round perforations in diagonally staggered rows (45°)
- Free area 25,0%

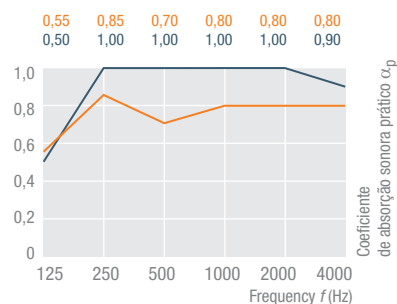


Suspension height	Sound absorption	
	α_w	NRC
200 mm	0,75	0,80
400 mm	0,95	0,90
200 mm incl. 20 mm acoustic bag	0,85	0,85

Rg 2516

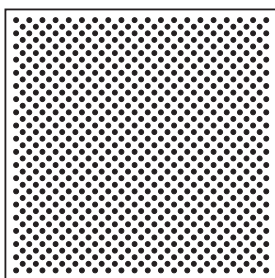


- Hole diameter 2,50 mm
- Rg – Round perforations in straight rows
- Free area 16,2%

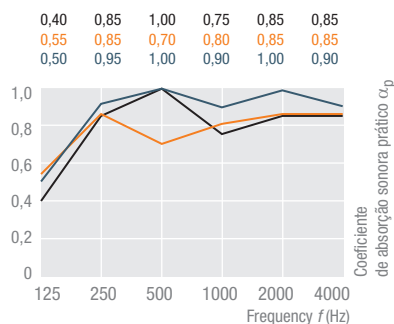


Suspension height	Sound absorption	
	α_w	NRC
400 mm	0,80(L)	0,80
200 mm incl. 20 mm acoustic bag	1,00	1,00

Rd 3022

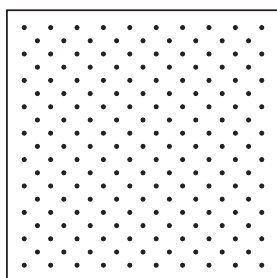


- Hole diameter 3,00 mm
- Rd – Round perforations in diagonally staggered rows (45°)
- Free area 22,0%

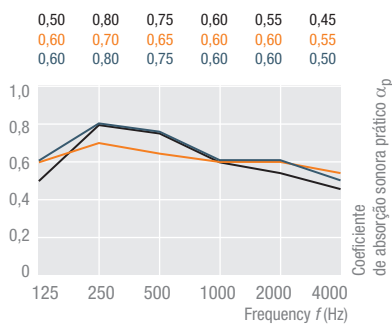


Suspension height	Sound absorption	
	α_w	NRC
200 mm	0,85	0,85
400 mm	0,80(L)	0,80
200 mm incl. 20 mm acoustic bag	1,00	1,00

Rd 2504

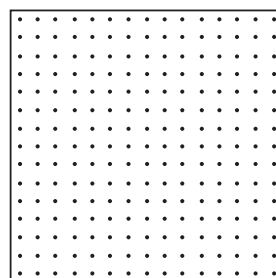


- Hole diameter 2,50 mm
- Rd – Round perforations in diagonally staggered rows (45°)
- Free area 3,8%

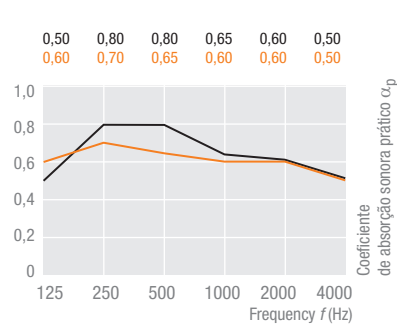


Suspension height	Sound absorption	
	α_w	NRC
200 mm	0,60(L)	0,65
400 mm	0,65(L)	0,60
200 mm incl. 20 mm acoustic bag	0,60(L)	0,70

Rg 2504

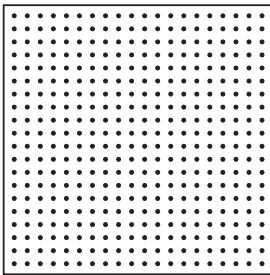


- Hole diameter 2,50 mm
- Rg – Round perforations in straight rows
- Free area 4,1%

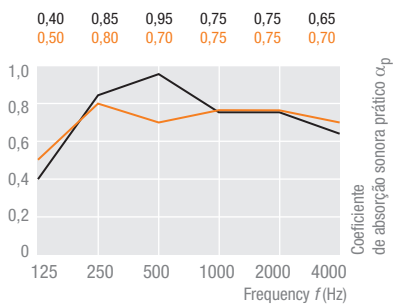


Suspension height	Sound absorption	
	α_w	NRC
200 mm	0,65(L)	0,70
400 mm	0,60(L)	0,65

Rg 2508

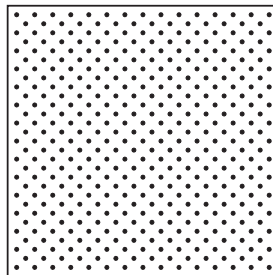


- Hole diameter 2,50 mm
- Rg – Round perforations in straight rows
- Free area 7,7%

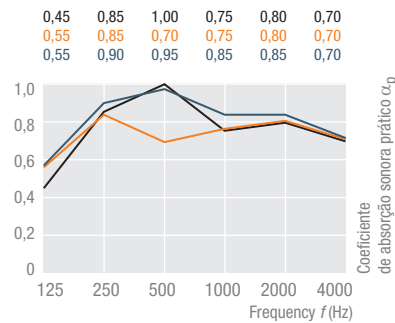


Suspension height	Sound absorption	
	α_w	NRC
200 mm	0,75(L)	0,80
400 mm	0,75(L)	0,75

Rd 2508

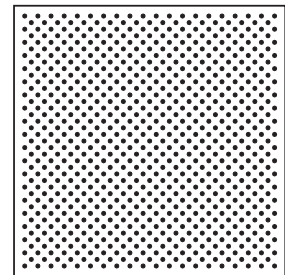


- Hole diameter 2,50 mm
- Rd – Round perforations in diagonally staggered rows (45°)
- Free area 8,1%



Suspension height	Sound absorption	
	α_w	NRC
200 mm	0,80(L)	0,85
400 mm	0,75(L)	0,75
200 mm incl. 20 mm acoustic bag	0,85(L)	0,90

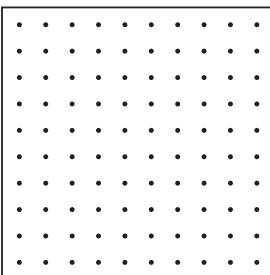
Rd 2515



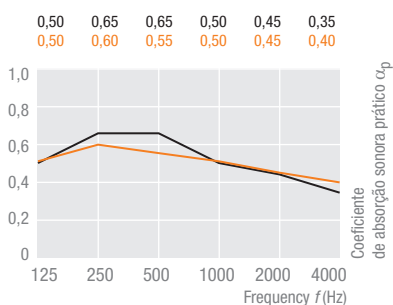
- Hole diameter 2,50 mm
- Rd – Round perforations in diagonally staggered rows (45°)
- Free area 15,4%

For further questions regarding this perforation, please contact our technical department.

Rg 3003

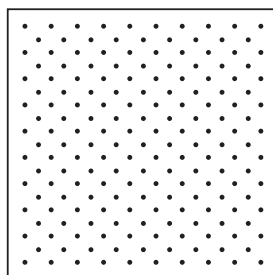


- Hole diameter 3,00 mm
- Rg – Round perforations in straight rows
- Free area 2,8%

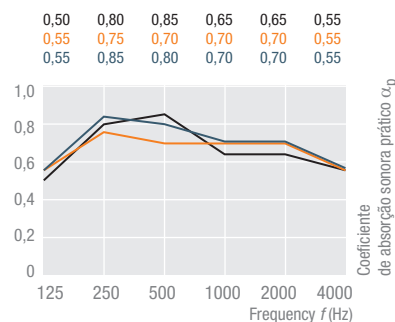


Suspension height	Sound absorption	
	α_w	NRC
200 mm	0,50(L)	0,55
400 mm	0,50(L)	0,50

Rd 3005

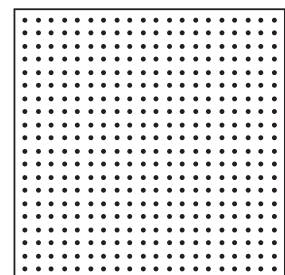


- Hole diameter 3,00 mm
- Rd – Round perforations in diagonally staggered rows (45°)
- Free area 5,5%

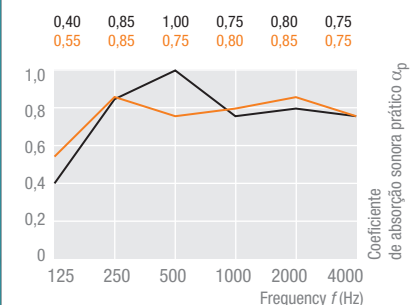


Suspension height	Sound absorption	
	α_w	NRC
200 mm	0,65(L)	0,75
400 mm	0,70(L)	0,70
200 mm incl. 20 mm acoustic bag	0,70(L)	0,75

Rg 3011



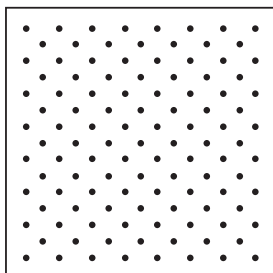
- Hole diameter 3,00 mm
- Rg – round perforations in straight rows
- Free area 11,0%



Suspension height	Sound absorption	
	α_w	NRC
200 mm	0,80(L)	0,85
400 mm	0,80(L)	0,80

Perforations Overview

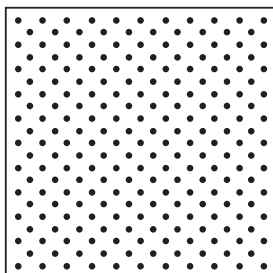
Rd 4006



- Hole diameter 4,00 mm
- Rd – Round perforations in diagonally staggered rows (45°)
- Free area 6,3%

For further questions regarding this perforation, please contact our technical department.

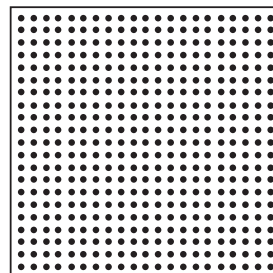
Rd 4011



- Hole diameter 4,00 mm
- Rd – Round perforations in diagonally staggered rows (45°)
- Free area 10,9%

For further questions regarding this perforation, please contact our technical department.

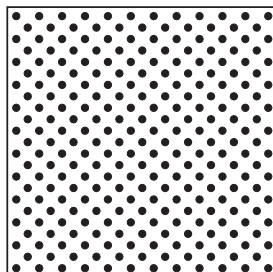
Rg 4022



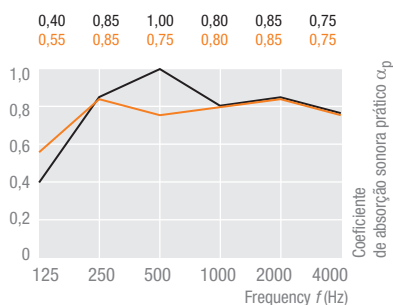
- Hole diameter 4,00 mm
- Rg – Round perforations in straight rows
- Free area 21,8%

For further questions regarding this perforation, please contact our technical department.

Rd 4516

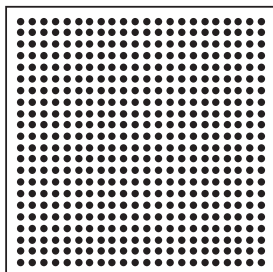


- Hole diameter 4,50 mm
- Rd – Round perforations in diagonally staggered rows (45°)
- Free area 16,7%

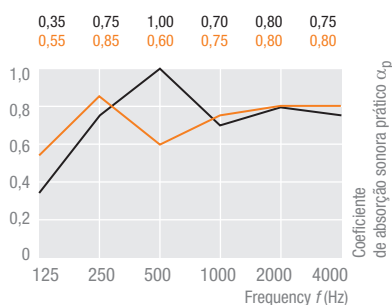


Suspension height		Sound absorption	
		α_w	NRC
200 mm	■	0,85	0,85
400 mm	■	0,80(L)	0,80

Rg 4533

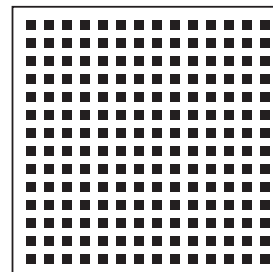


- Hole diameter 4,50 mm
- Rg – Round perforations in straight rows
- Free area 33,4%

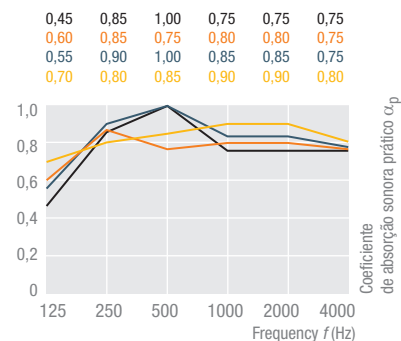


Suspension height		Sound absorption	
		α_w	NRC
200 mm	■	0,80	0,80
400 mm	■	0,70(L)	0,70

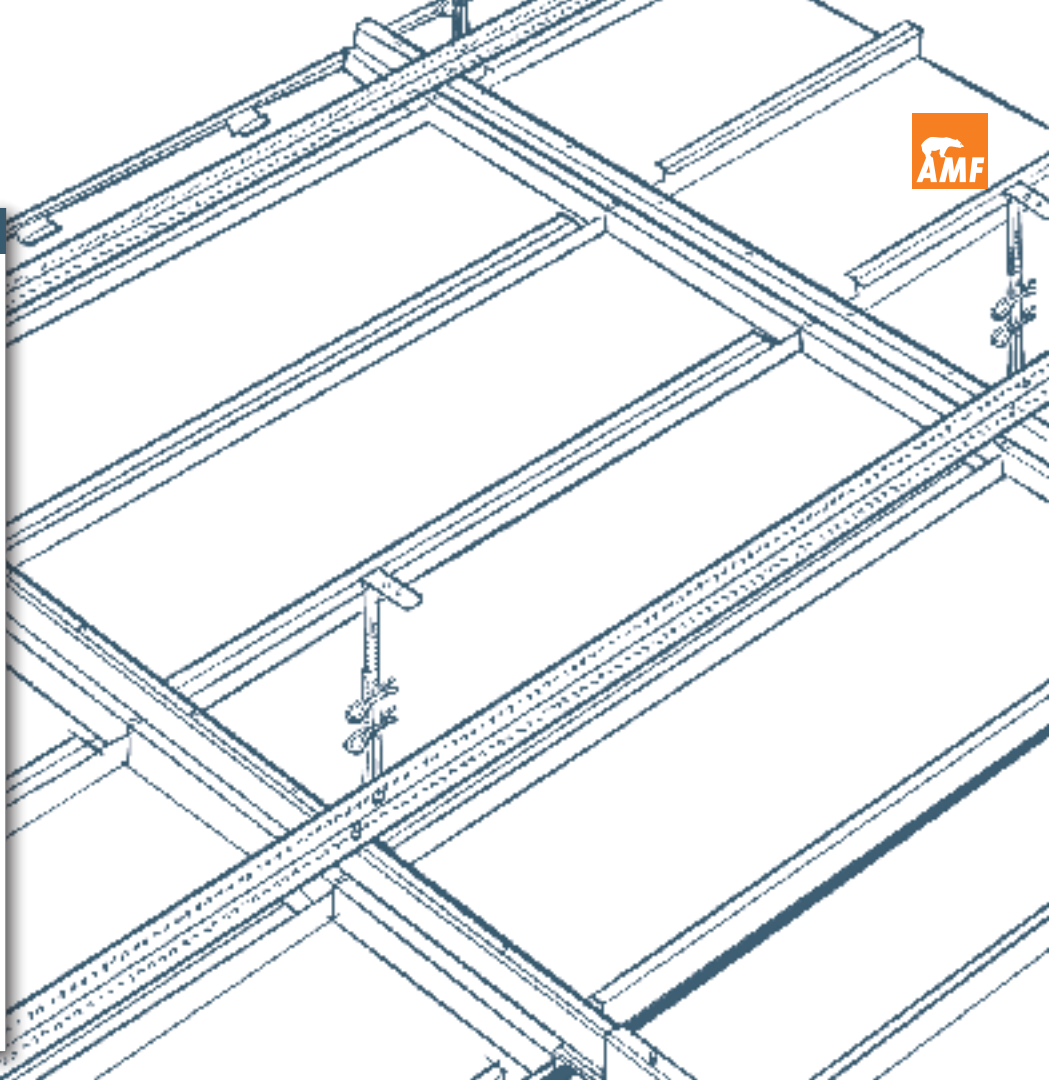
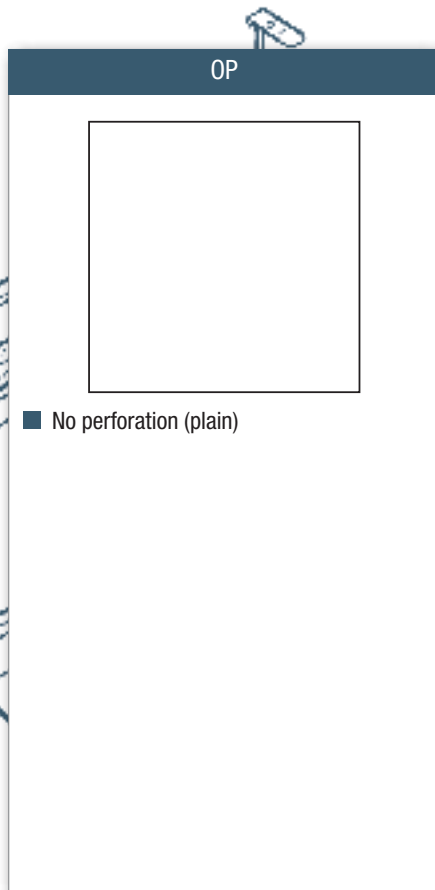
Qg 6030



- Hole diameter 6,00 mm
- Qg – square perforations in straight rows
- Free area 30,0%



Suspension height		Sound absorption	
		α_w	NRC
200 mm	■	0,80(L)	0,85
400 mm	■	0,70(L)	0,70
200 mm incl. 20 mm acoustic bag	■	0,85(L)	0,90
400 mm incl. 20 mm acoustic bag	■	0,70(L)	0,75



Systems

System A

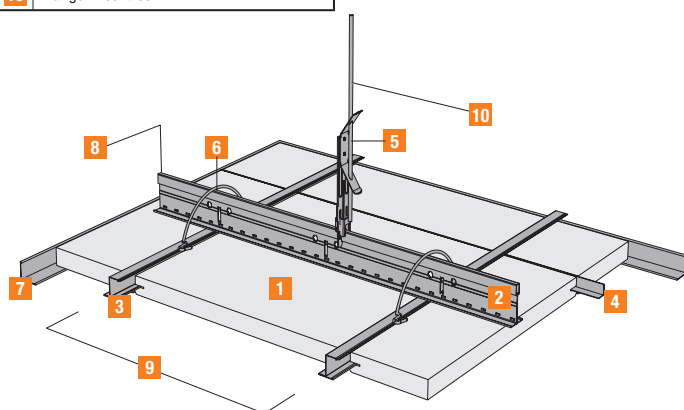
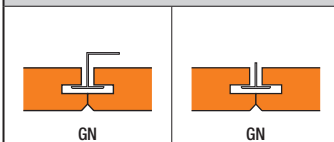
Concealed Systems

Variant System A 1.1

Product description A 1.1

- 1 AMF THERMATEX® mineral tiles
- 2 Main runner T24/38 - 3600/3750
- 3 Z-main profile
- 4 T-cross profile
- 5 Splice for main runner
- 6 Hanger
- 7 Wire clips
- 8 Perimeter trim
- 9 Perimeter wedge
- 10 Main runner - centres
- 11 Main profile - centres
- 12 Hanger - centres

Edge configurations:

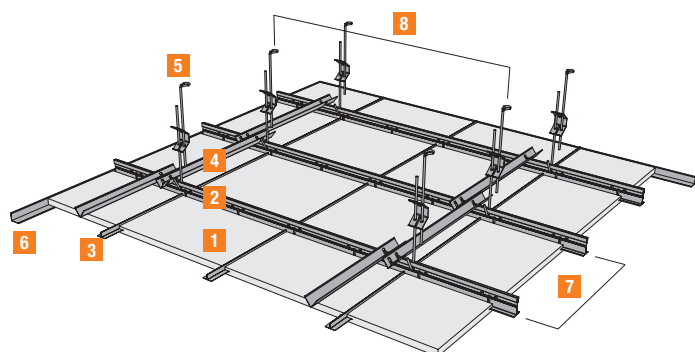
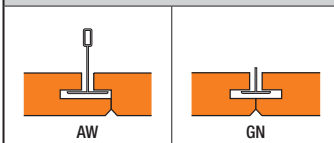


Variant System A 1.2

Product description A 1.2

- 1 AMF THERMATEX® mineral tiles
- 2 T-main runner T24/38 - 3600/3750
- 3 L-cross profile
- 4 Spacer bar
- 5 Hanger
- 6 Perimeter trim
- 7 Perimeter wedge
- 8 Main runner - centres
- 9 Hanger - centres

Edge configurations:

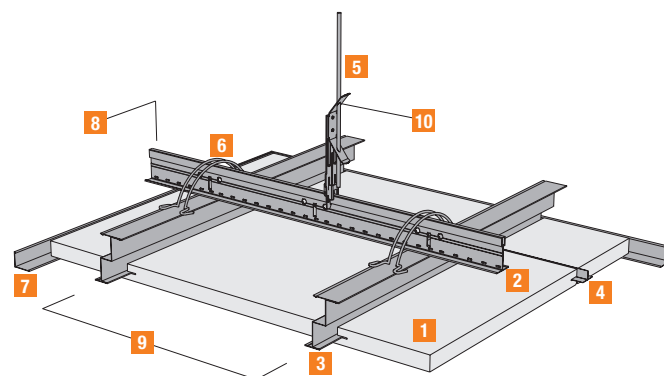
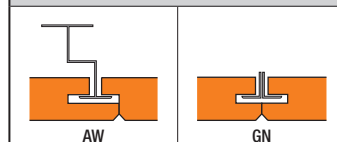


Variant System A 1.3

Product description A 1.3

- 1 AMF THERMATEX® mineral tiles
- 2 Main runner T24/38 - 3600/3750
- 3 Z-main profile
- 4 L-cross profile
- 5 Splice for main runner
- 6 Hanger
- 7 Wire clips
- 8 Perimeter trim
- 9 Perimeter wedge
- 10 Main runner - centres
- 11 Main runner - centres
- 12 Hanger - centres max.

Edge configurations:

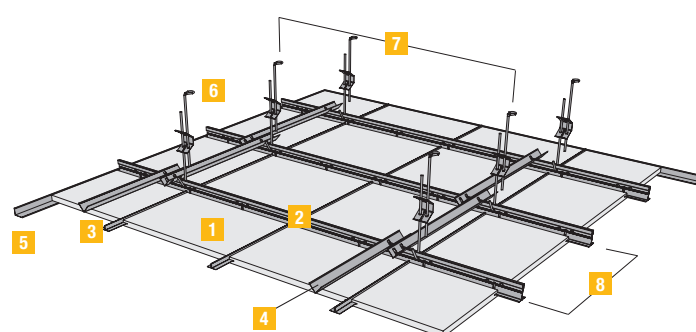
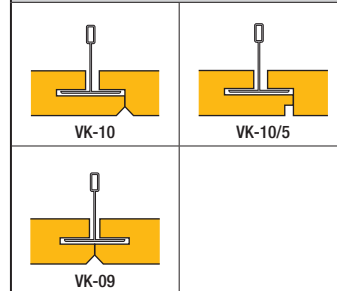


Variant System A 2.1

Product description A 2.1

- 1 HERADESIGN® wood wool tile
- 2 Main runner T-35/38
- 3 Cross profile
- 4 Spacer bar
- 5 Perimeter trim
- 6 Hanger
- 7 Perimeter wedge
- 8 Hanger - centres max.
- 9 Main runner - centres

Edge configurations:



Variant System A 2.2

Product description A 2.2	
1	HERADESIGN® wood wool tile
2	Main runner T-35/38
3	Spacer bar
4	Perimeter trim
5	Hanger
6	Perimeter wedge
7	Hanger - centres max.

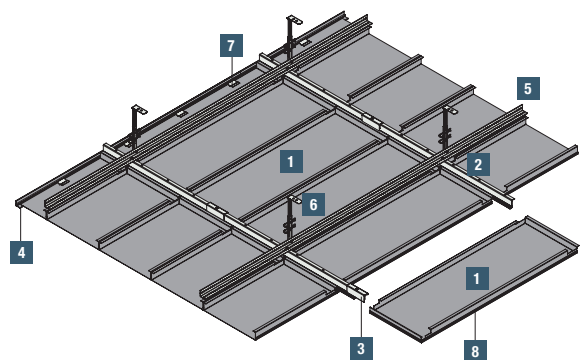
Edge configurations:	
VK-10	VK-10/5

Variant System A 4.1

Product description A 4.1	
1	Clip-in metal tile-square/plank tiles
2	Clip-in/swing-down metal tile-square / plank tiles (optional)
3	Clip-in profile
4	Cross connector for clip-in profile
5	Nonius hanger (lower part)
6	Perimeter trim
7	Shadow trim (optional)
8	Nonius hanger (upper part) sourced on site
9	Spring clip

Variant System A 4.2

Product description A 4.2	
1	Metal tile for hook-on system
2	Z - hook-on profile
3	Z - hook-on profile connector
4	Perimeter trim
5	Grid angle
6	Grid angle connector
7	Nonius hanger
8	Spring clip
9	9 x 3 mm gasket



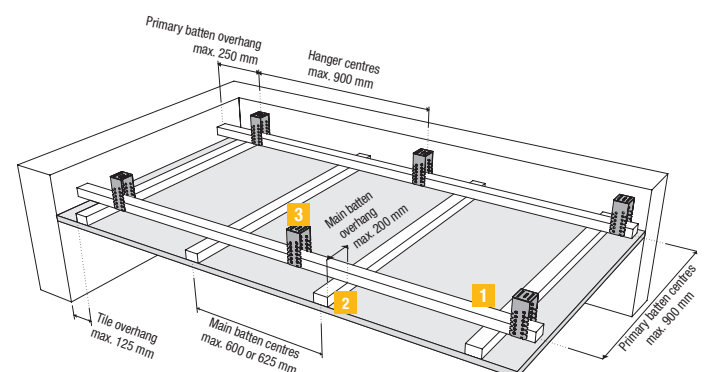
System B

Screw-fix Systems

HERADESIGN® on wooden battens System B 2.1

Material requirements B 2.1	
1	Primary batten 60/30 mm
2	Main batten 60/30 mm
3	Hanger

Edge configurations:			
GK	AK-00	AK-01	AK-02/5
AK-02/10	AK-02/20	AK-03	

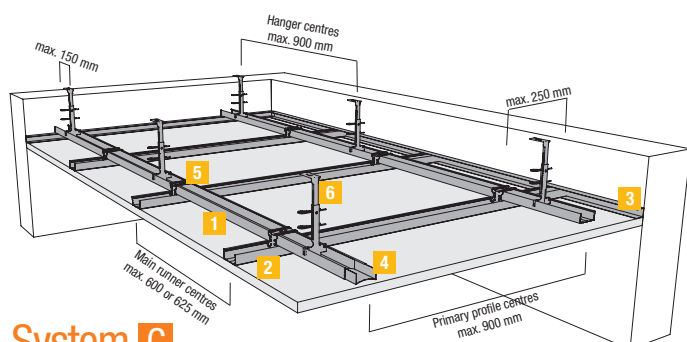


Systems

HERADESIGN® on CD-profiles System **B** 2.2

Material requirements **B** 2.2

- | | |
|---|---------------------------------|
| 1 | CD-primary profile 60/27/0.6 mm |
| 2 | CD-main profile 60/27/0.6 mm |
| 3 | E-wall connection profile |
| 4 | CD-splice connector |
| 5 | CD-cross connector |
| 6 | CD-Nonius hanger |

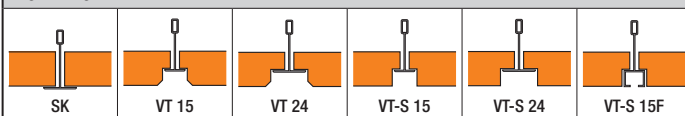


System **C** Exposed Systems

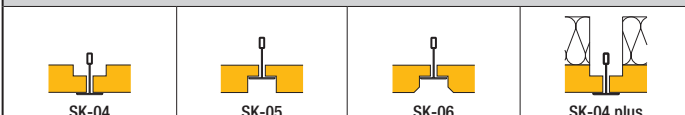
Product description **C**

- | | | | |
|---|------------------------------|----|-------------------------------|
| 1 | AMF THERMATEX® mineral tiles | 4 | T-cross profile 600/625 |
| 1 | HERADESIGN® wood wool tiles | | Hold down clip DFK (optional) |
| 1 | AMF TOPIQ® | 6 | L-wall angle RW/RWU metal |
| 2 | T-main profile T24/38 - 3750 | 9 | Hanger centre |
| 2 | T-main profile T24/38 - 3600 | 10 | Main runner centres |
| 3 | Quick hanger | | Perimeter trim fixing centres |

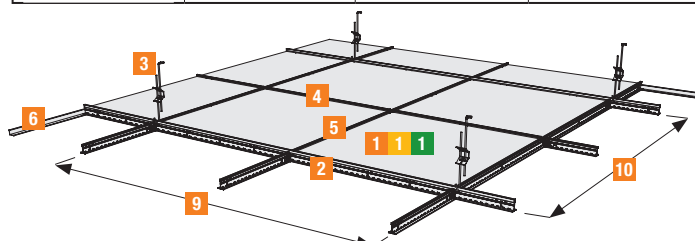
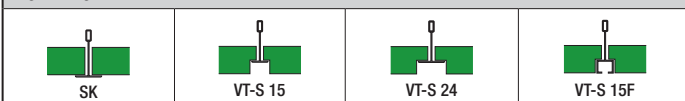
Edge configurations AMF THERMATEX®: **C** 1.1



Edge configurations HERADESIGN®: **C** 2.1



Edge configurations AMF TOPIQ®: **C** 3.1

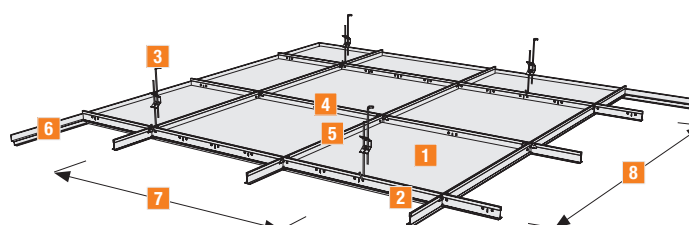
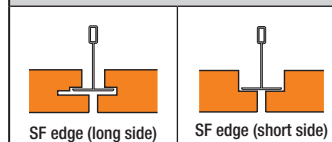


THERMATEX® SF Acoustic System **C** 1.2

Product description **C** 1.2

- | | |
|---|-------------------------------|
| 1 | AMF THERMATEX® mineral tiles |
| 2 | Main profile PH 3750 |
| 2 | Main profile PH 3600 |
| 3 | Quick hanger |
| 4 | Cross profile PH 600/625 |
| 5 | Cross profile PH 1200/1250 |
| 6 | Shadow trim 20/20/12/20 |
| | Perimeter wedge |
| 7 | Hanger centres |
| 8 | Main profile centres |
| | Perimeter trim fixing centres |

Edge configurations THERMATEX®: **C** 1.2

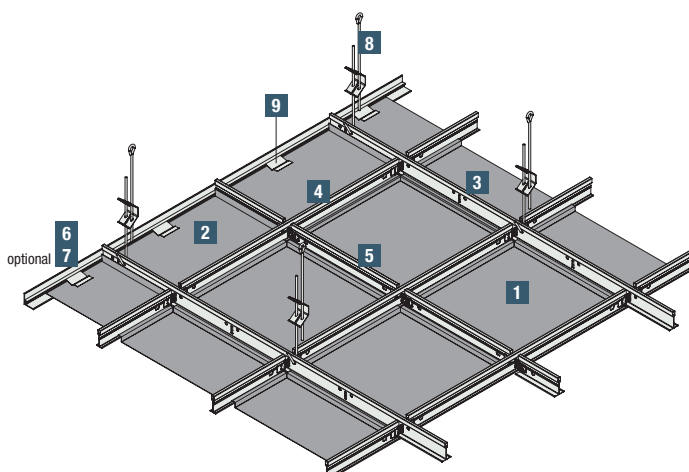
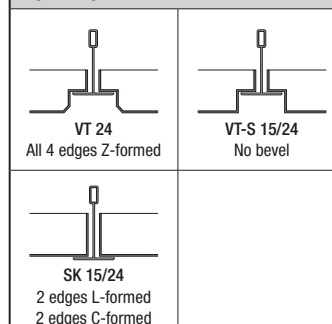


MONDENA® Lay-In System VT and SK **C** 4.1

Product description **C**

- | | |
|---|------------------------------|
| 1 | Lay-in metal tile (VT edge) |
| 2 | Lay-in metal tile (SK edge) |
| 3 | Main profile T24 |
| 4 | Cross profile T24 (butt cut) |
| 5 | Perimeter trim |
| 7 | Shadow trim (optional) |
| 8 | Hanger SoS |
| | Hanger SoH (optional) |
| 9 | Spring clip |



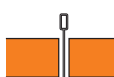


Edge configurations:

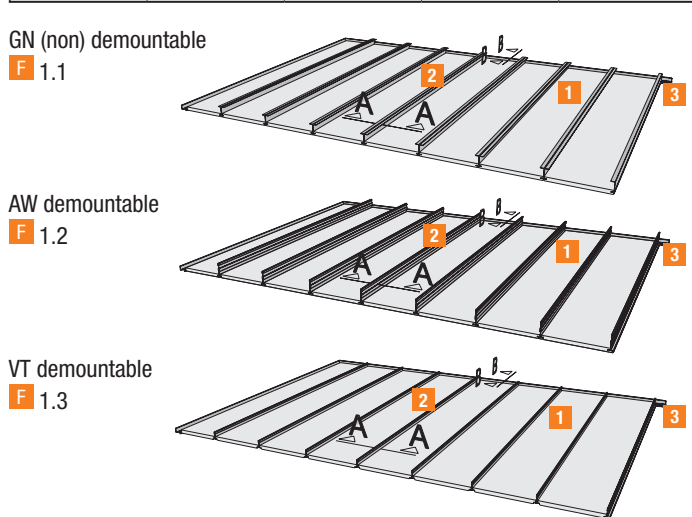


System F

Free Span Systems

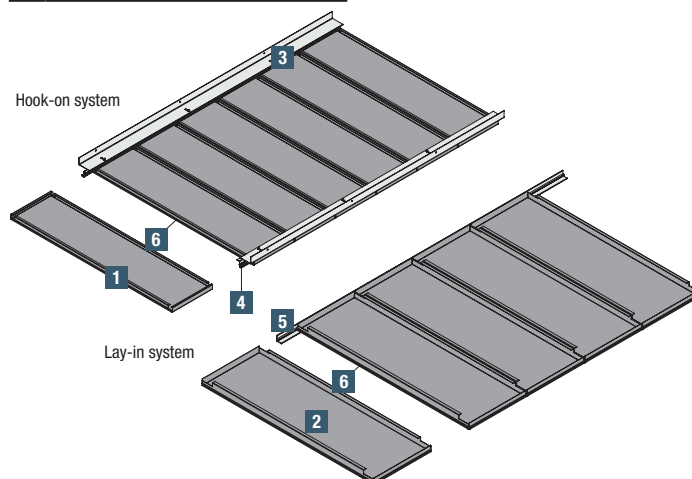
Product description F			
1	AMF THERMATEX® mineral tiles	2	U main profile for variant F 1.1
2	T and Z main profile for variants F 1.2 and F 1.3	3	Perimeter trim

Edge configurations:					
					
AW	GN	SK	VT 24	VT 15	



MONDENA® Corridor System F 4.1

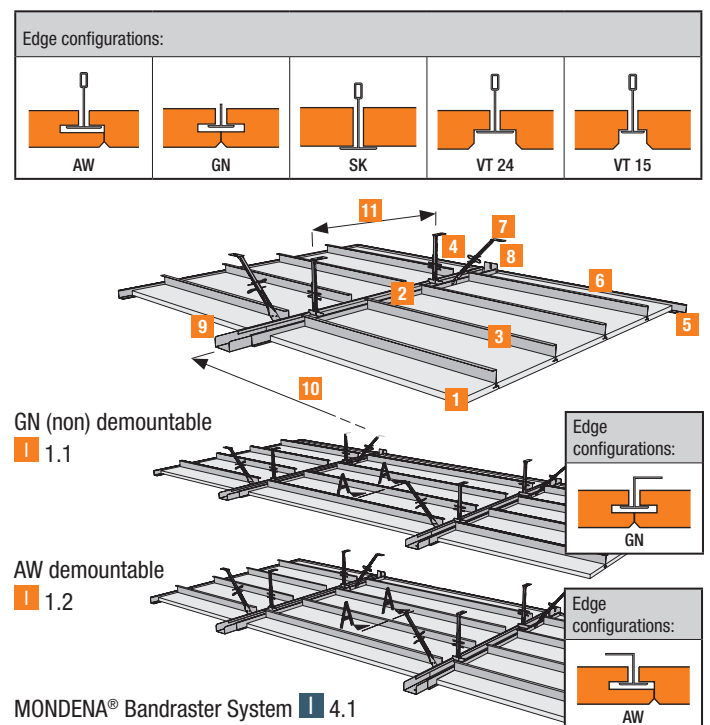
Product description F		Edge configurations:	
1	Metal tile for hook-on system		
2	Metal tile for lay-in system		
3	L - wall angle with slotted holes for hook-on system		
4	Z - hook-on profile for hook-on system		
5	Perimeter trim for lay-in system (hook-on system at corridor ends)		
6	Shadow trim for lay-in system (hook-on system at corridor ends)		
7	9 x 3 mm gasket		
8	Spring clip (optional with cut tiles)		



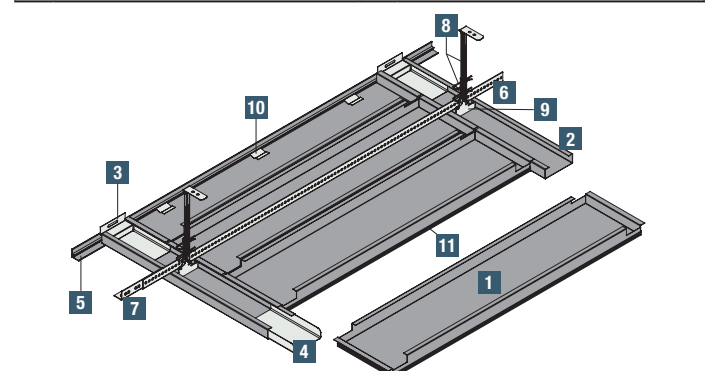
System I

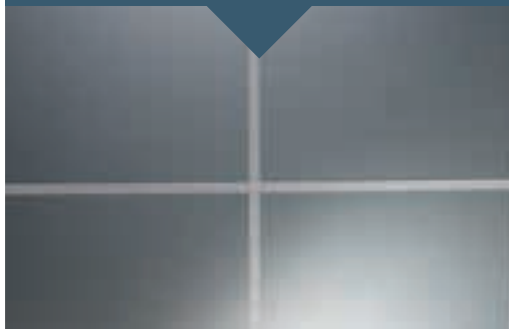
Parallel Systems

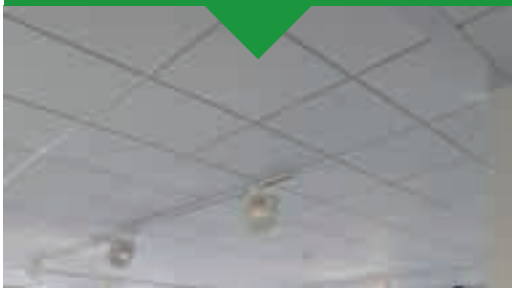
Product description I			
1	AMF THERMATEX® mineral tiles	6	Perimeter wedge
2	Bandrafter profile	7	Cross bracing
3	T or Z main profile	8	Perimeter fixing
	U main profile	9	Bandrafter connector
4	Hanger	10	Main profile centres
	Security pin	11	Hanger centres
5	Perimeter trim		



Product description I			
1	Metal tile for C-Bandrafter system Hook-on and lay-on version	6	Grid angle
2	C - Bandrafter profile	7	Grid angle connector
2	Wall connector	8	Nonius upper part incl. 2 x security pins
3	Splice for C-Bandrafter profile	9	Hanger connector (Nonius lower part)
4	Perimeter trim	10	Spring clip
5	Shadow trim (optional)	11	9 x 3 mm gasket
	Perimeter trim		











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