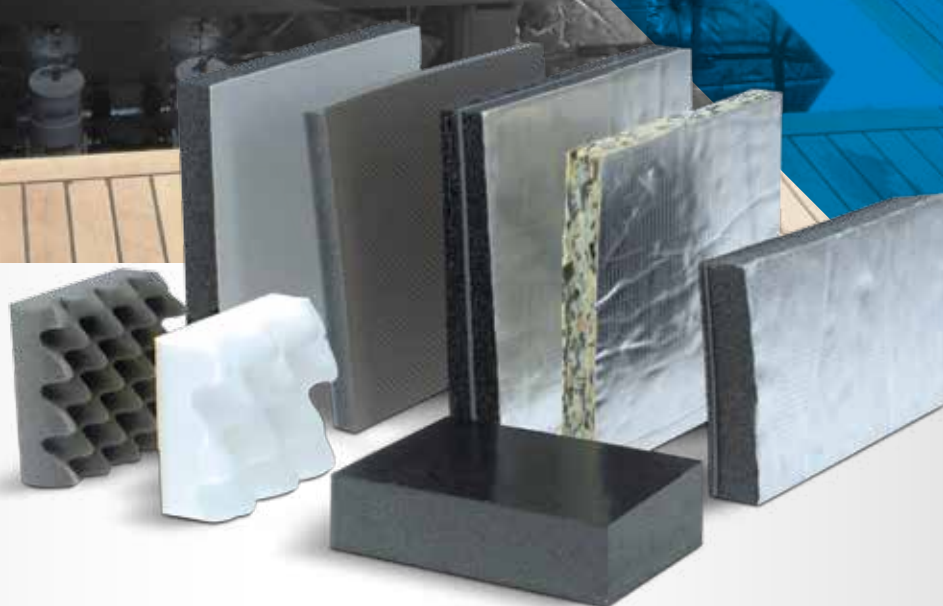


General Catalogue of
**NOISE INSULATION
MATERIALS**
AMC MECANOCAUCHO®



MORE THAN 45 YEARS OF EXPERIENCE

Since 1969 **AMC MECANOCAUCHO®** have been designing and manufacturing products for the attenuation of structural borne noise and vibration for a wide range of Industry. In 1990, to compliment the structural borne aspect, AMC began to design and manufacture a range of **AKUSTIKABSORBER®** composites to attenuate Airborne noise.

Factory 1



Factory 2



1969



1995

QUALITY COMMITMENT

Only the very highest quality raw materials go into the manufacture of **AMC-MECANOCAUCHO®** manufactures high quality products, with state of the art machinery, to produce these effective, high quality composites.

All the products in this catalogue have been tested acoustically at the AMC laboratory; the results of these tests can be seen on each spec sheet.

ISO 9001:2014



ISO 14001: 2014



INDEX

	PD BEIGEPág. 10		FIMPág. 48
	PD WHITEPág. 12		PAIMPág. 50
	PD BLACKPág. 14		PDMPág. 52
	PS BLACKPág. 16		PFMPág. 54
	PS WHITEPág. 18		PIMPág. 56
	PF BLACKPág. 20		PSMPág. 58
	PAIPág. 22		PD30MPág. 60
	PIPág. 24		FAI30MPág. 62
	AGLO DPág. 26		PTPág. 64
	AGLO FARPág. 28		PT FIRE-RESISTANTPág. 66
	AGLO PAIPág. 30		PT FIREABSORBERPág. 68
	AGLO PIPág. 32		HEAVY MASSESPág. 70
	FDPág. 34		PAVIABSORBERPág. 72
	FARPág. 36		PYRAMIDAL GRAYPág. 74
	FAIPág. 38		PYRAMIDAL FIRE-RESISTANTPág. 76
	FIPág. 40		CAIPág. 78
	FARMPág. 42		CAIMPág. 80
	FAIMPág. 44		MARINEPág. 82
	FDMPág. 46		FIXING NAIL + NAUTIC COVERPág. 84

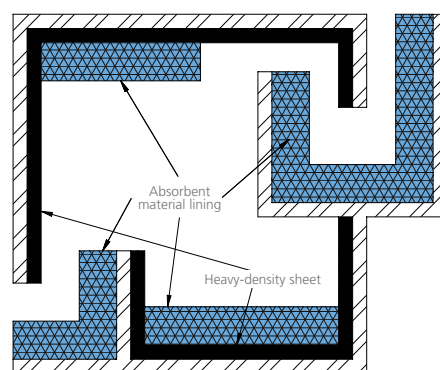
1. APPLICATIONS AND INSTALLATION GUIDE



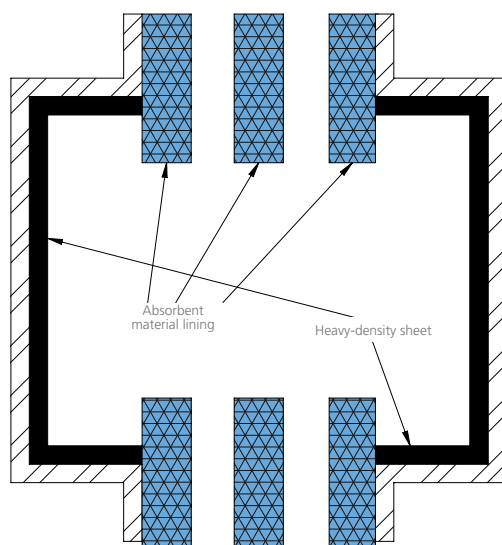
Akustikabsorber products are materials designed to reduce reverberation and increase the attenuation between chambers.

AMC MECANOCAUCHO® provides customers with its vast experience and know how in a wide variety of applications and installations.

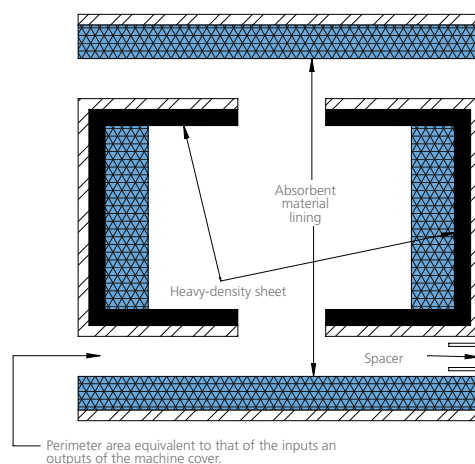
Examples of different cabin executions to reduce noise emission to the exterior while maintaining proper ventilation.



Encapsulated with single or double openings.



Speakers and silencers



2. ACOUSTIC CHARACTERISTICS: KUNDT'S TUBE



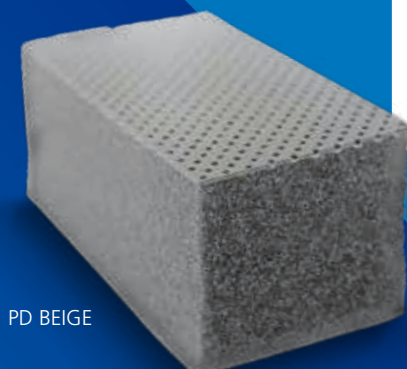
Kundts Tube is very sophisticated standardized test equipment, behaviour in the absorption and isolation against a range of frequencies.

Kundt's tube measures transmission and absorption of a normal perpendicular impact wave.

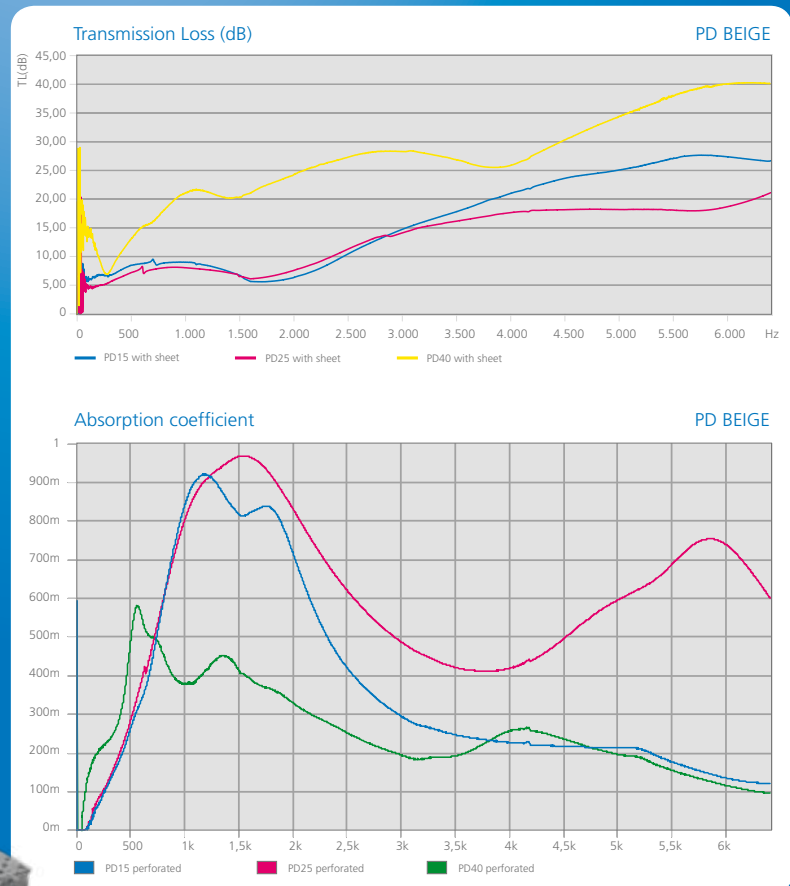
"If we compare the measurements attained in a reverberating or transmission chamber, the results will always be poorer in Kundt's tube, since all the waves produced in the tube are direct impacts".

Development of new products:

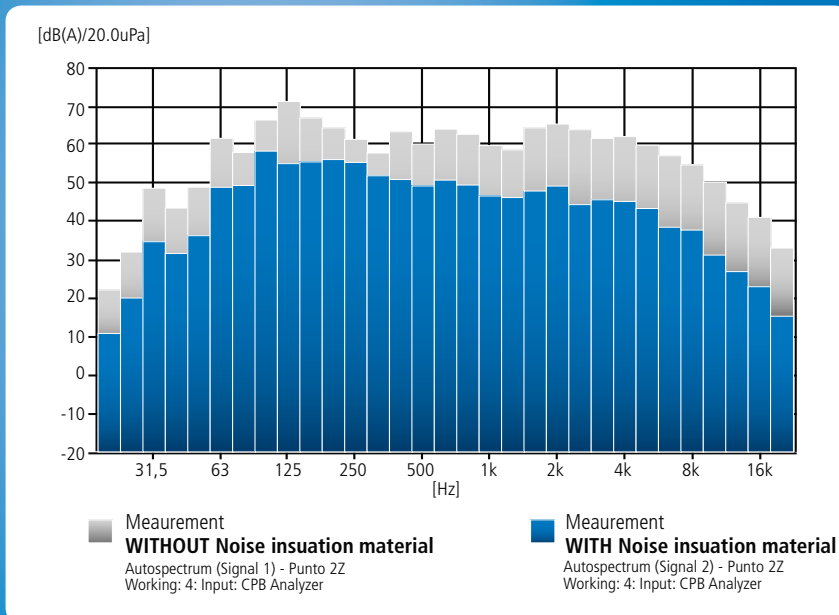
Knowing our client's specific needs, we develop new akustikabsorber composites. Kundts Tube is very sophisticated standardized test equipment, behaviour in the absorption and isolation against a range of frequencies.



PD BEIGE



3. MEASUREMENTS



To effectively treat noise problems the range of frequencies and sound levels must be identified. With that detailed information calculations can then be carried out to determine the best method and type of composite.

AMC MECANOCAUCHO® applies its experience and know how in measuring and evaluating customers problems to successfully treat their applications by reducing machine produced noise and vibration emissions.

Sound measurement of an industrial machine.



ACOUSTIC KNOWLEDGE



Reverberation time: The reverberation phenomenon is produced as a consequence of the consecutive bouncing of the sound wave on the walls of an enclosure. The reverberation time is the length of time needed for a sound pressure to decay 60dB in the enclosure or cabin.

Basic concepts of acoustics within Industry: When calculating or designing the isolation of a room or a vehicle cabin the following concepts are important.

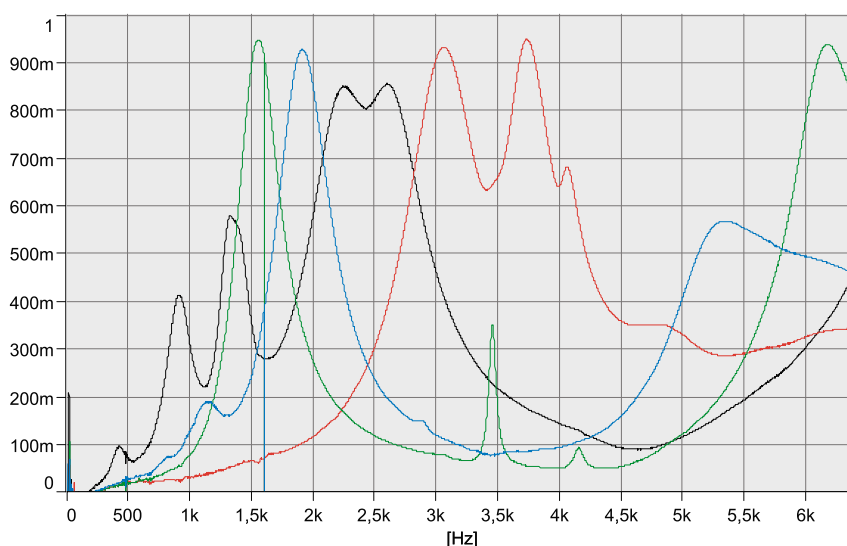
1.-ABSORPTION: It is of interest to place absorbent materials to reduce the emission

levels of the room, by absorbing part of the interior walls' reflections, the level within will always be less, therefore there is less to isolate.

2.-ISOLATION: Mass always plays an important role when isolating a wall, according to the mass law, when mass is doubled the acoustic isolation increases 6dB.

All isolation panels have a critical frequency that depends on the panel's mass and rigidity. The panel's damping coefficient will determine how much the isolation will be reduced at this point, the higher the damping the lower the reduction.

Absorption Coefficient (azul con 2 mp, Combined - C)
average azul 2 mp combined with txiki average azuk 2mp



NOISE THERMOMETER

120 dB (A)

- Jet at a height of 60 m.

painful

110 dB (A)

- Discotheque.

- Automatic hammer.

100 dB (A)

- Motorbike at full throttle.

- Shouting.

intolerable

90 dB (A)

- Underground train on rails.

- Coffee grinder 0.60 m away.

80 dB (A)

- Heated discussion.

- Motorway 15 m away.

- Industrial fan.

- Refuse lorry.

strong

70 dB (A)

- Noisy office.

- Vacuum cleaner.

60 dB (A)

- Air conditioner.

noisy

50 dB (A)

- Closed windows.

40 dB (A)

- Whispering.

30 dB (A)

- Quiet living room.

low

20 dB (A)

- Library.

- Silent bedroom.

10 dB (A)

- Radio studio.

very low

0 dB (A)

- Desert.

silent

- Hearing threshold

AKUSTIKABSORBER MATERIAL SELECTION GUIDE

AKUSTIKABSORBER

GENERAL CATALOGUE

SPECIFICATIONS AGLO D

20 mm.

40 mm.



◀ BY ITS THICKNESSES

Beige perforated
PVC facing and
bound polyurethane
foam with a density
of 150 Kg/m³.

BY SELF-ADHESIVE OR NOT

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBEC A88.

Overall
air-borne noise
isolation use

BY ITS COMPOSITION

Composition
Beige perforated PVC facing and bound polyurethane foam with a density of 150 Kg/m³.

BY ITS APPLICATIONS

Applications
Lining interior of soundproof cabins and vehicles, good absorption.

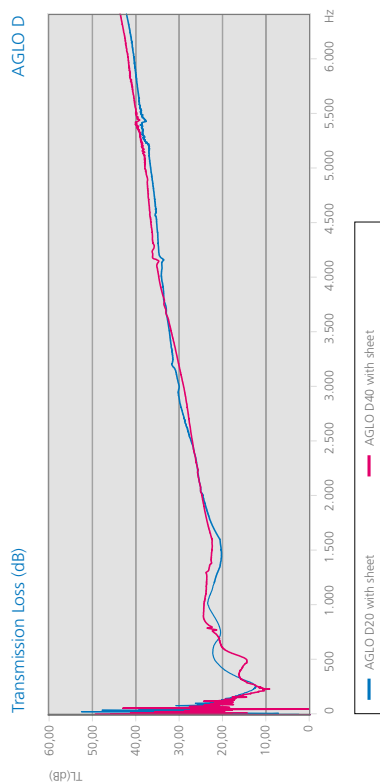
Thicknesses
20 mm. 40 mm.

BY ITS ROLL OR SHEET FORMAT

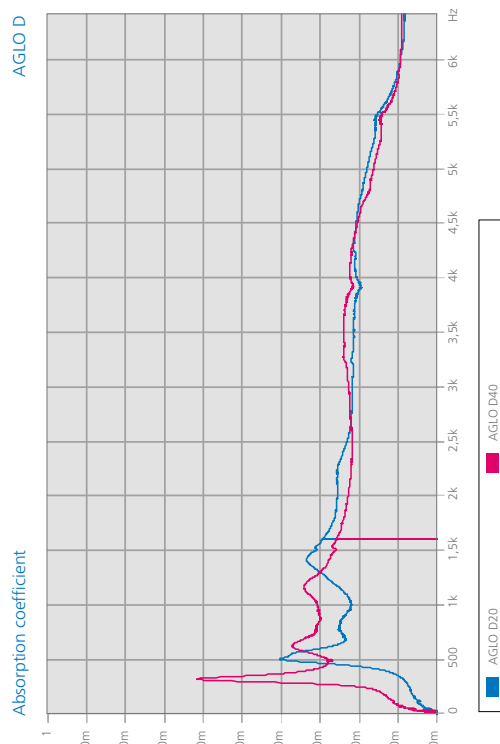
Formats
2000 x 1000 mm. Sheets.

Consult for roll manufacturing.

BY ITS ISOLATION VALUES



BY ITS ABSORPTION COEFFICIENT



SPECIFICATIONS

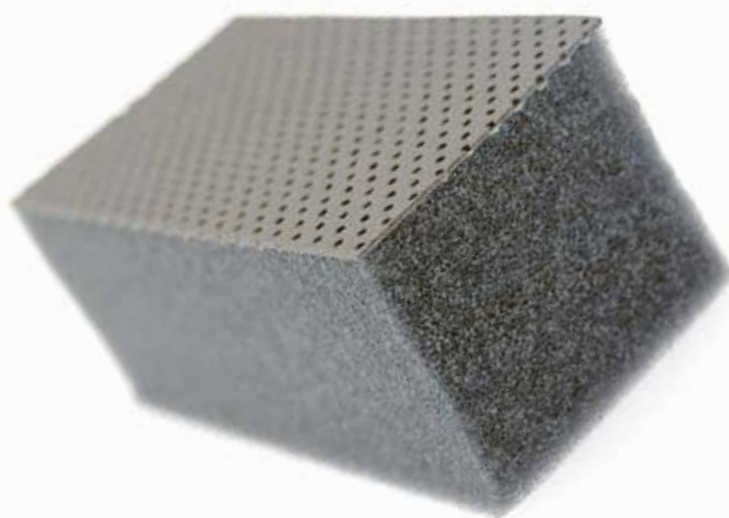
PD BEIGE

15 mm.

25 mm.

40 mm.

Perforated beige
coloured PVC facing
and absorbing
polyurethane foam.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Perforated beige coloured PVC facing and absorbing polyurethane foam.

Applications

Lining interior of soundproof cabins and vehicles, good absorption.

Thicknesses

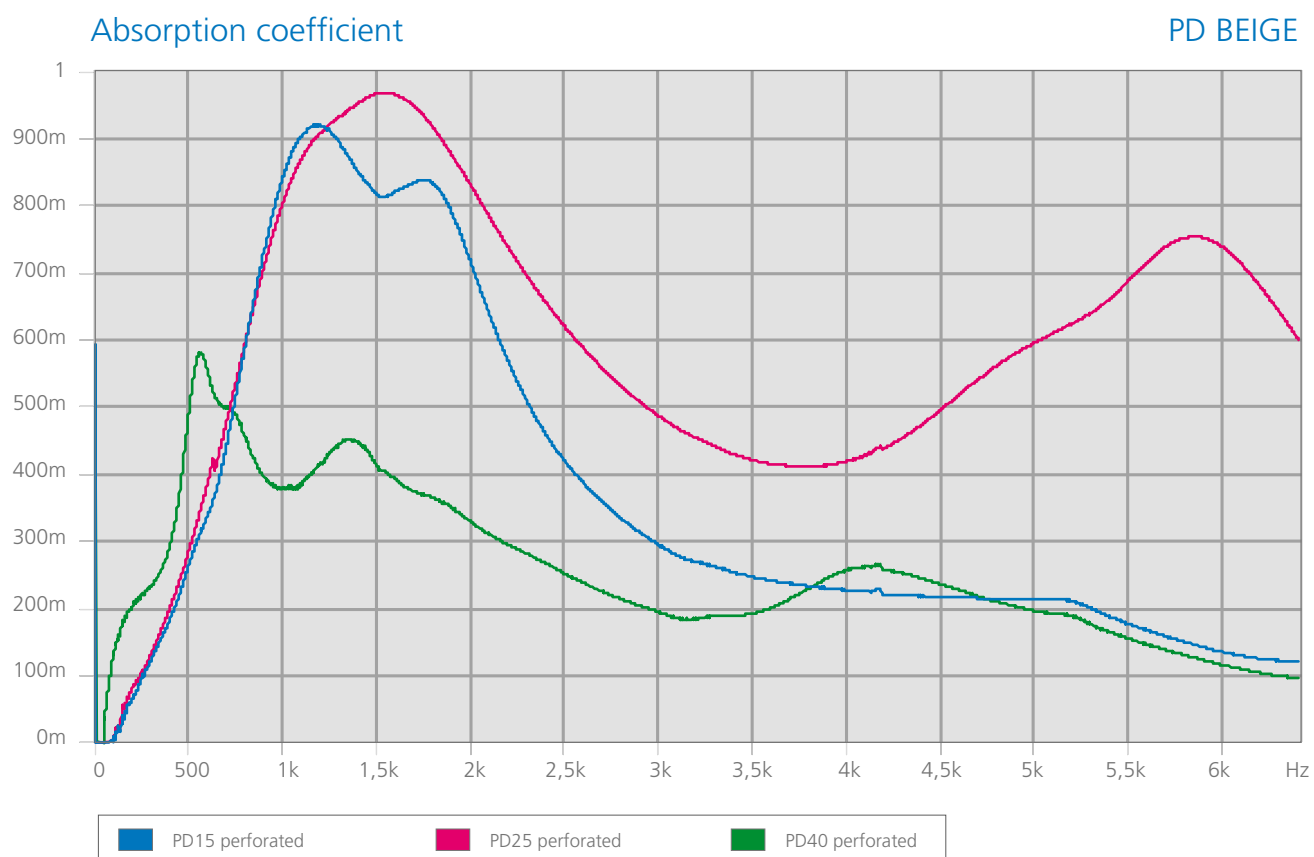
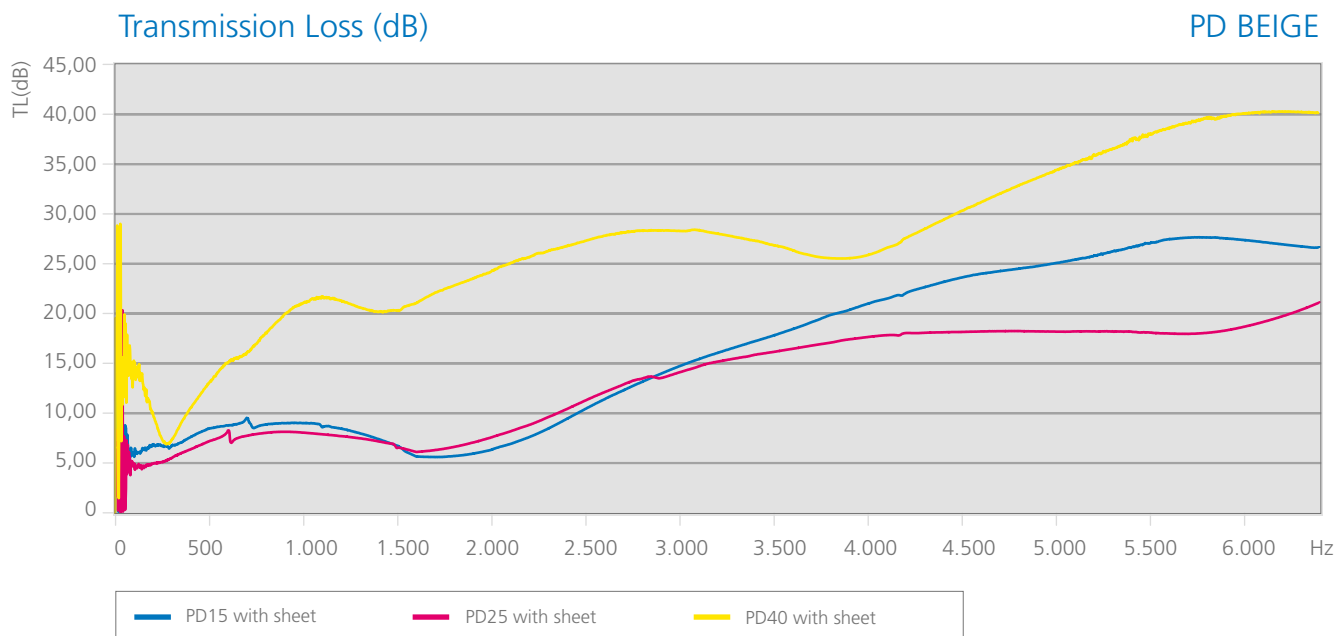
15 mm. 25 mm. 40 mm.

Formats

1200 x1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.
40 mm. thick, 3 Sheets per box.

1500 mm. wide x approx. 25 m. long Rolls.

Type	Code	SELF-ADHESIVE	R _w (dB)
PD-15 sheet	26003	-	10
PD-15 A sheet	26071	x	10
PD-15 roll	26011	-	10
PD-15 A roll	26126	x	10
PD-25 sheet	26006	-	8
PD-25 A sheet	26072	x	8
PD-25 roll	26013	-	8
PD-25 A roll	26029	x	8
PD-40 sheet	26009	-	18
PD-40 A sheet	26073	x	18
PD-40 roll	26015	-	18
PD-40 A roll	26074	x	18



SPECIFICATIONS

PD WHITE

15 mm.

25 mm.

40 mm.

Perforated white
coloured PVC facing
and absorbing
polyurethane foam.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Perforated white coloured PVC facing and absorbing polyurethane foam.

Applications

Interior lining soundproof cabins or vehicles, good absorption.

Thicknesses

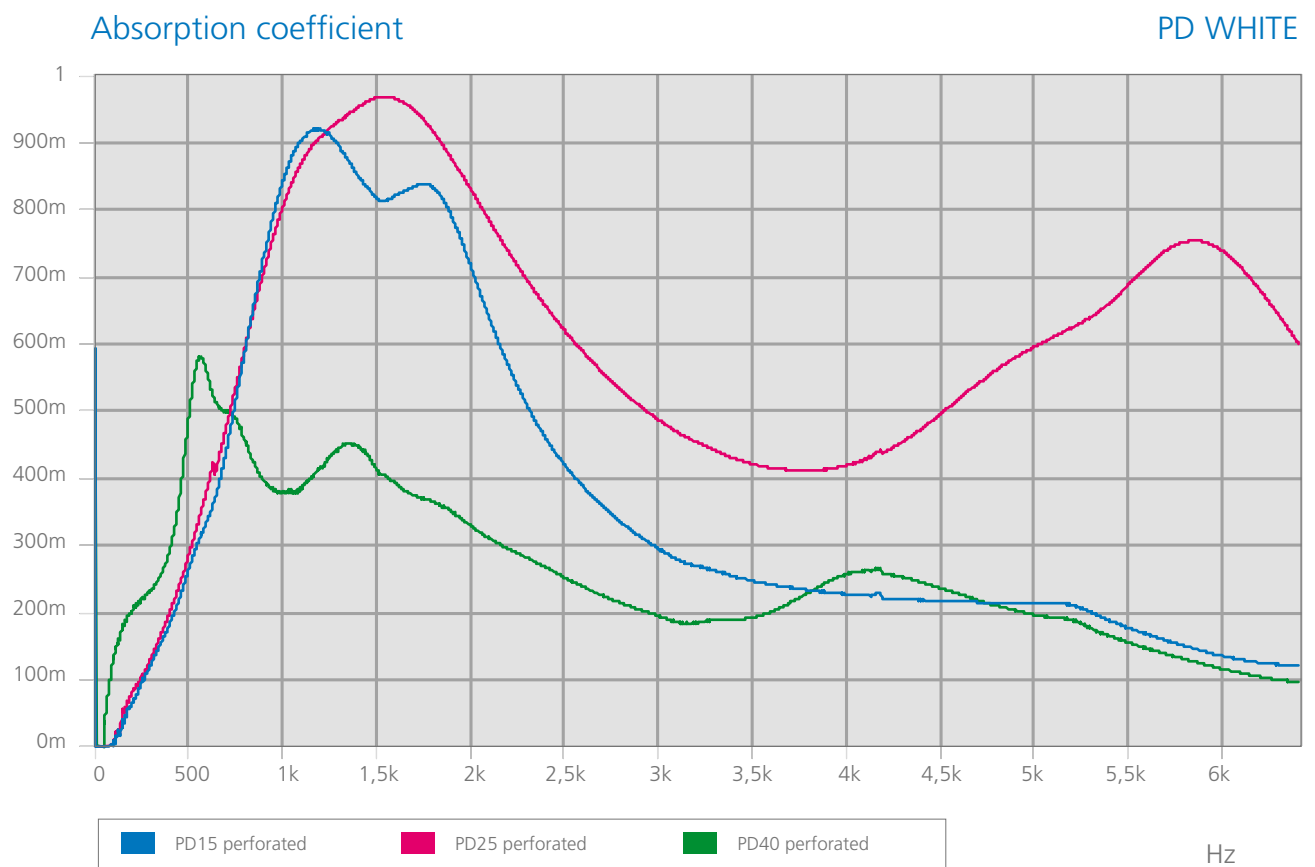
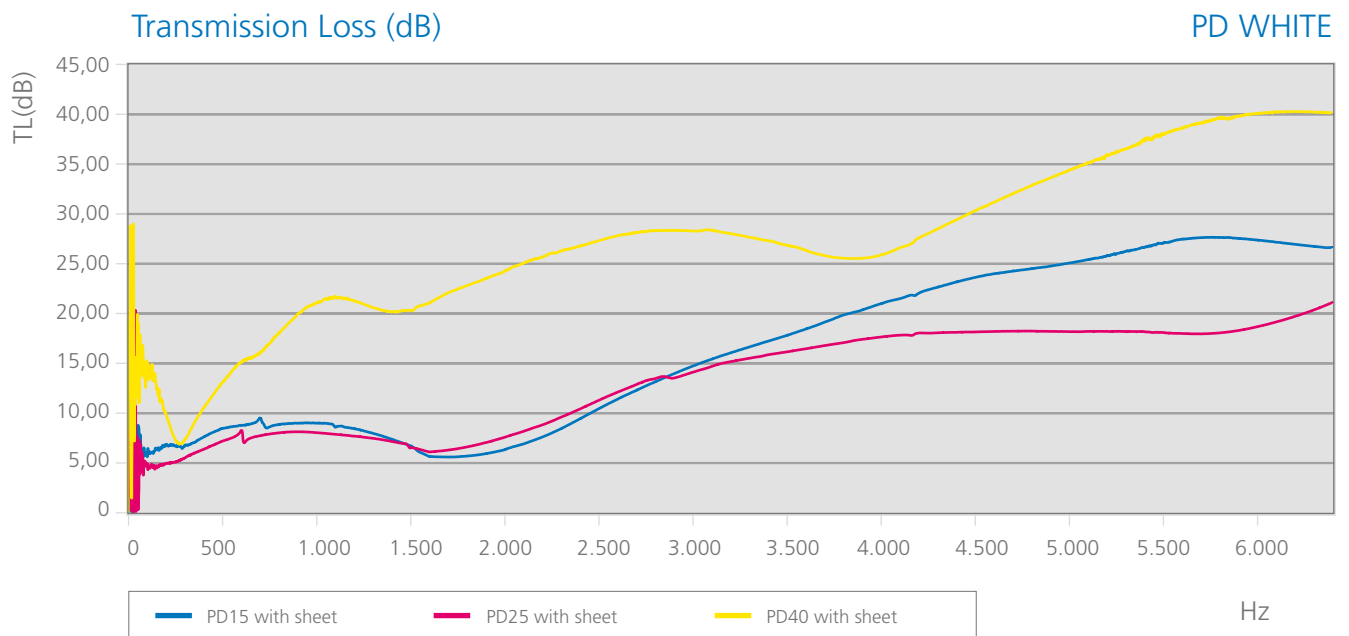
15 mm. 25 mm. 40 mm.

Formats

1200 x 1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.
40 mm. thick, 3 Sheets per box.

1500 mm. wide x approx. 20 m. long Rolls.

Type	Code	SELF-ADHESIVE	R _w (dB)
PD-15 white sheet	26075	-	10
PD-15 A white sheet	26078	x	10
PD-15 roll white	26081	-	10
PD-15 A roll white	26084	x	10
PD-25 white sheet	26076	-	8
PD-25 A white sheet	26079	x	8
PD-25 roll white	26082	-	8
PD-25 A roll white	26085	x	8
PD-40 white sheet	26077	-	18
PD-40 A white sheet	26080	x	18
PD-40 roll white	26083	-	18
PD-40A roll white	26086	x	18



SPECIFICATIONS

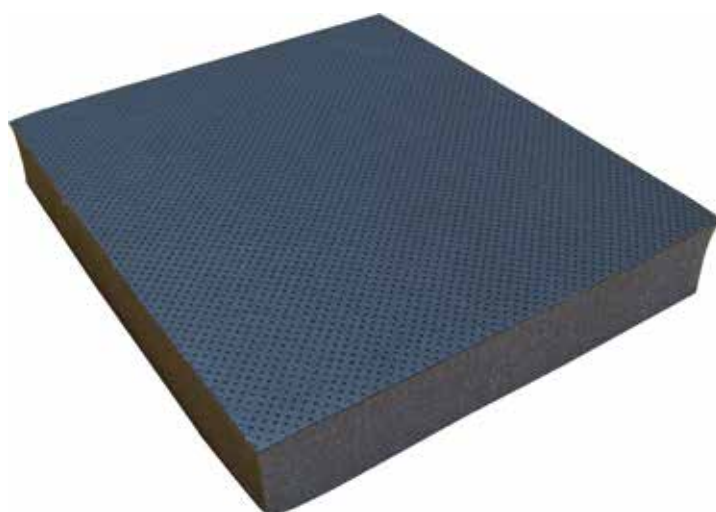
PD BLACK

15 mm.

25 mm.

40 mm.

Perforated white
coloured PVC facing
and absorbing
polyurethane foam.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBECA88.

Composition

Perforated black coloured PVC facing and absorbing polyurethane foam.

Applications

Interior lining soundproof cabins or vehicles, good absorption.

Thicknesses

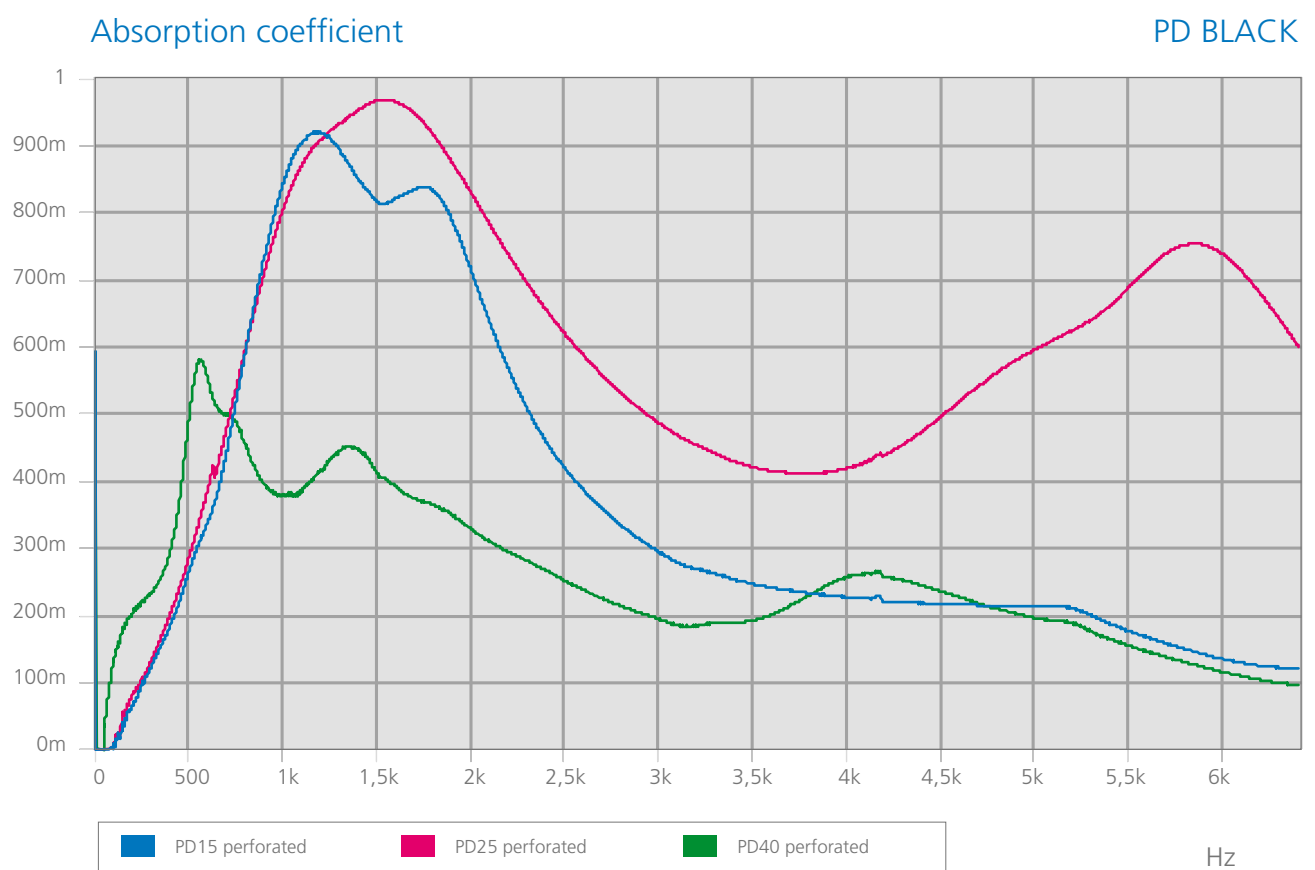
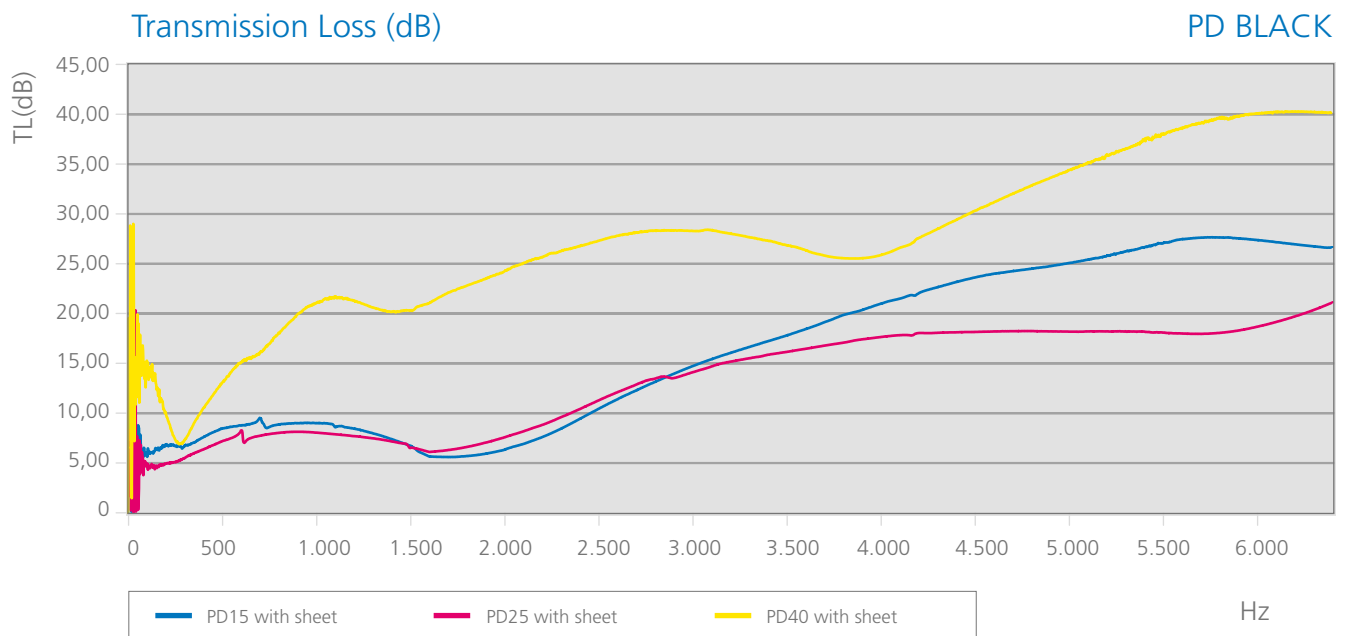
15 mm. 25 mm. 40 mm.

Formats

1200 x 1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.
40 mm. thick, 3 Sheets per box.

1500 mm. wide x approx. 20 m. long Rolls.

Type	Code	SELF-ADHESIVE	R _w (dB)
PD-15 black sheet	26381	-	10
PD-15 A black sheet	26382	x	10
PD-15 roll black	26383	-	10
PD-15 A roll black	26384	x	10
PD-25 black sheet	26385	-	8
PD-25 A black sheet	26386	x	8
PD-25 roll black	26387	-	8
PD-25 A roll black	26388	x	8
PD-40 black sheet	26389	-	18
PD-40 A black sheet	26390	x	18
PD-40 roll black	26391	-	18
PD-40A roll black	26392	x	18



SPECIFICATIONS

PS BLACK

15 mm.

25 mm.

40 mm.

Black PU film
and absorbing
polyurethane foam.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Black PU film and absorbing polyurethane foam.

Applications

Interior lining of soundproof cabins or vehicles where the danger of hydrocarbons or water coming in contact with the absorbent material exists.

Thicknesses

15 mm. 25 mm. 40 mm.

Formats

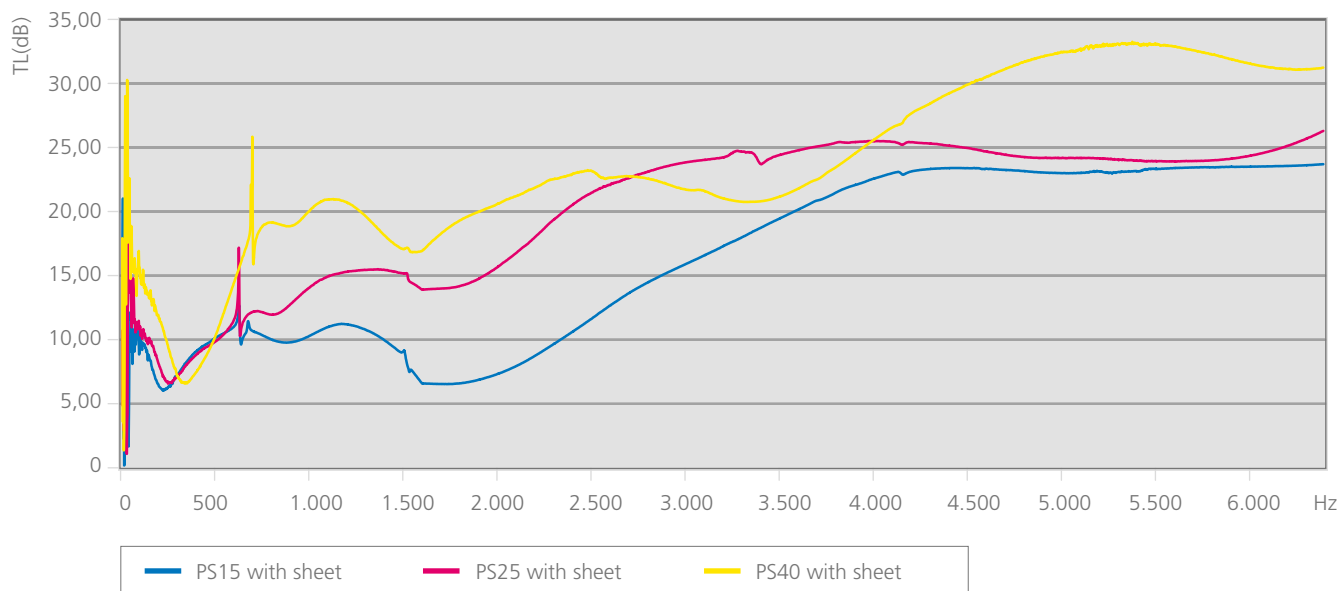
1200 x 1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.
40 mm. thick, 3 Sheets per box.

1500 mm. wide x approx. 20 m. long Rolls.

Type	Code	SELF-ADHESIVE	R _w (dB)
PS-15 sheet	26001	-	12
PS-15 A sheet	26087	x	12
PS-15 roll	26010	-	12
PS-15 A roll	26068	x	12
PS-25 sheet	26004	-	12
PS-25 A sheet	26088	x	12
PS-25 roll	26012	-	12
PS-25 A roll	26090	x	12
PS-40 sheet	26007	-	17
PS-40 A sheet	26089	x	17
PS-40 roll	26014	-	17
PS-40 A roll	26091	x	17

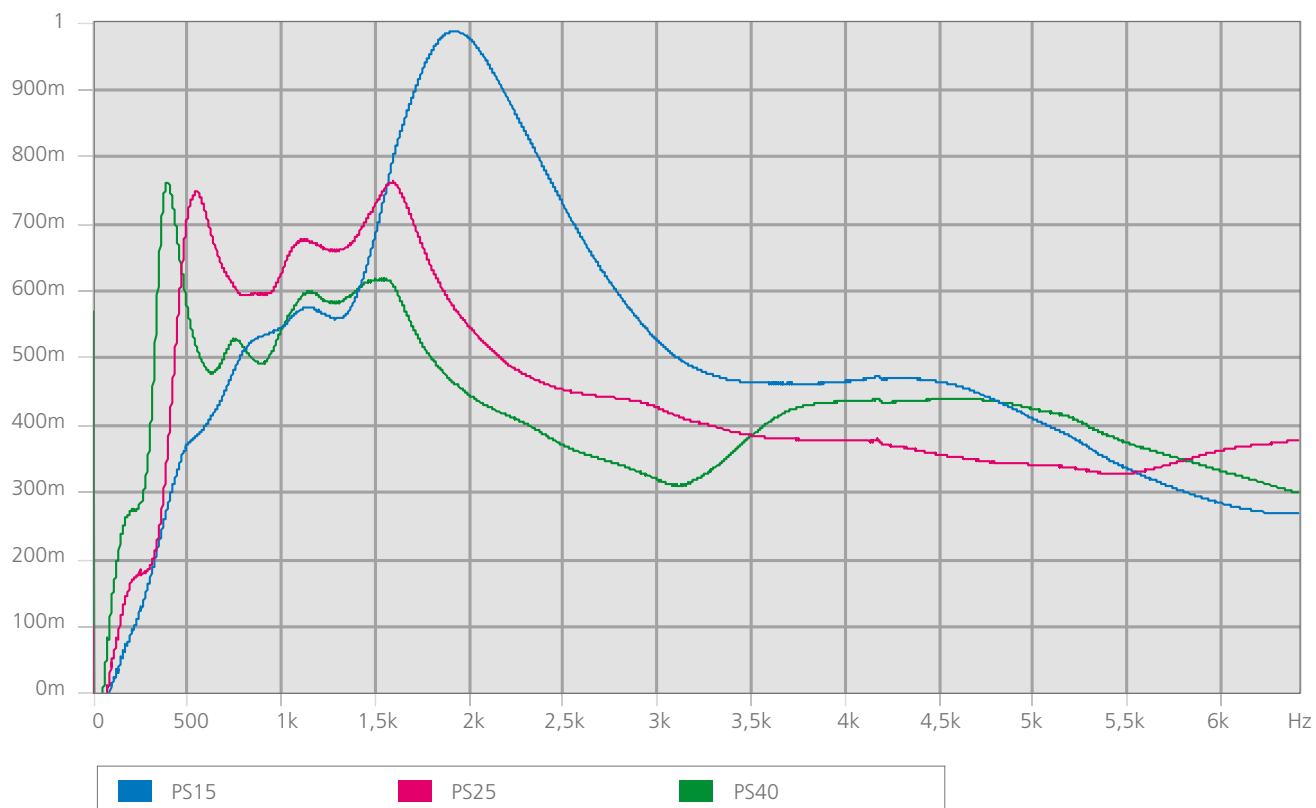
Transmission Loss (dB)

PS BLACK



Absorption coefficient

PS BLACK



SPECIFICATIONS

PS WHITE

15 mm.

25 mm.

40 mm.

White PU film
and absorbing
polyurethane
foam.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

White PU film and absorbing polyurethane foam.

Applications

Interior lining of soundproof cabins or vehicles where the danger of hydrocarbons or water coming in contact with the absorbent material exists.

Thicknesses

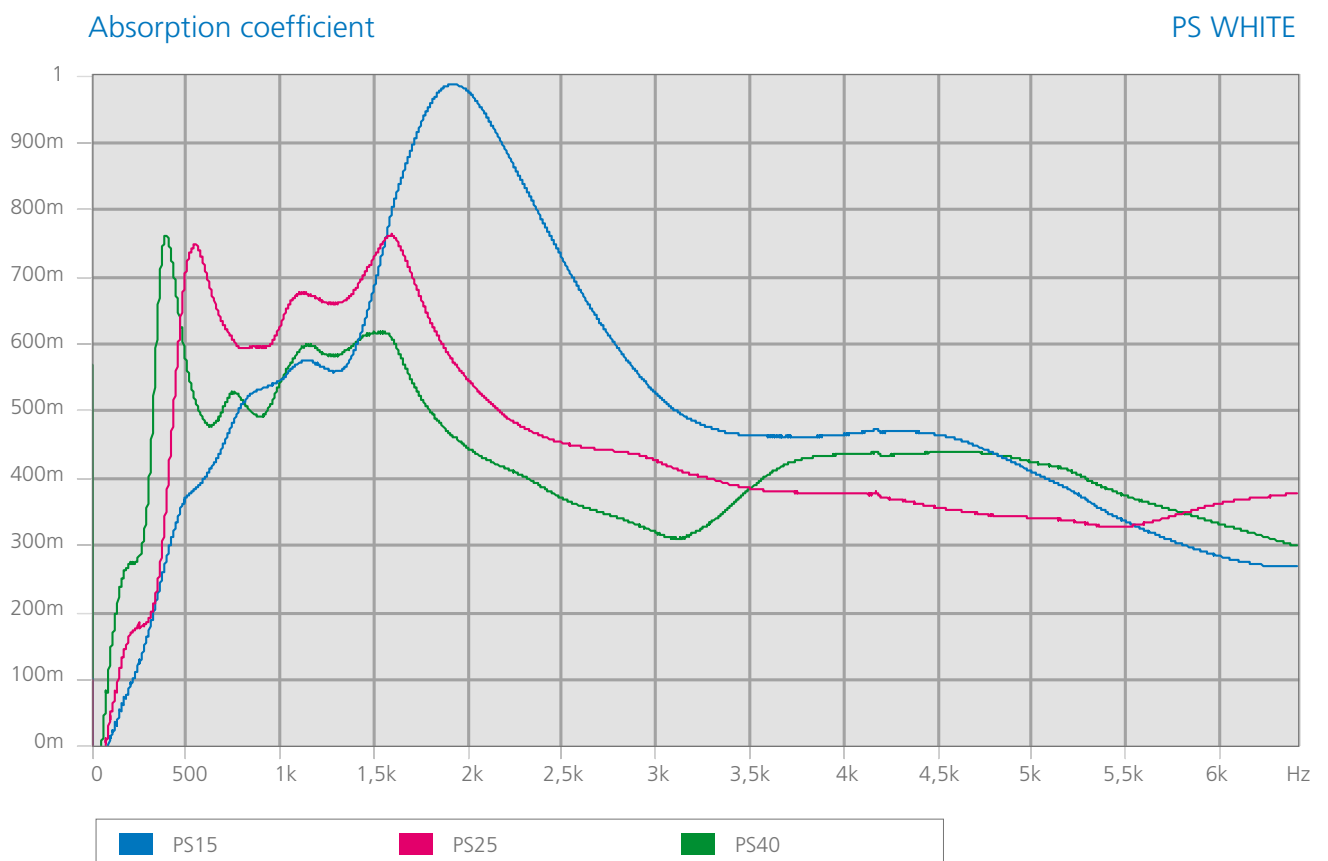
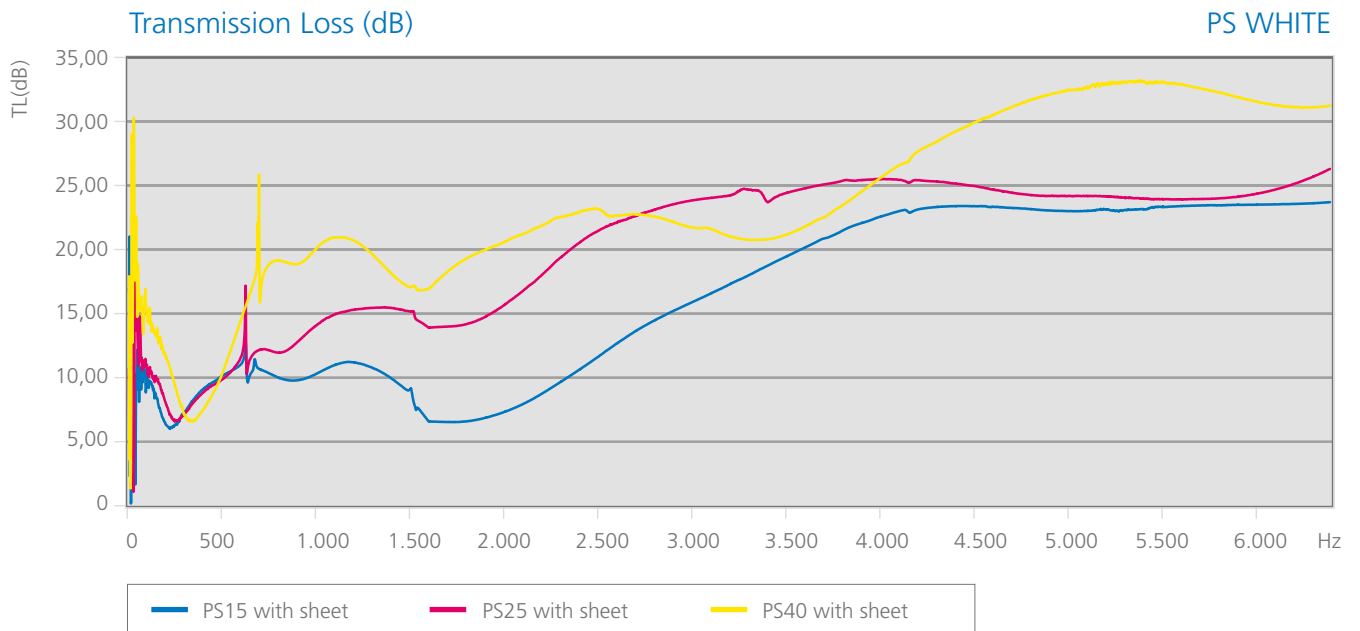
15 mm. 25 mm. 40 mm.

Formats

1200 x 1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.
40 mm. thick, 3 Sheets per box.

1500 mm. wide x approx. 20 m. long Rolls.

Type	Code	SELF-ADHESIVE	R _w (dB)
PS-15 sheet	26002	-	12
PS-15 A sheet	26092	x	12
PS-15 roll	26058	-	12
PS-15 A roll	26095	x	12
PS-25 sheet	26005	-	12
PS-25 A sheet	26093	x	12
PS-25 roll	26059	-	12
PS-25 A roll	26096	x	12
PS-40 sheet	26008	-	17
PS-40 A sheet	26094	x	17
PS-40 roll	26060	-	17
PS-40 A roll	26097	x	17



SPECIFICATIONS

PF BLACK

15 mm.

25 mm.

40 mm.

Black unwoven
fabric and absorbing
polyurethane foam.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Black unwoven fabric and absorbing polyurethane foam.

Applications

Lining interior of soundproof cabins and vehicles, good absorption.

Thicknesses

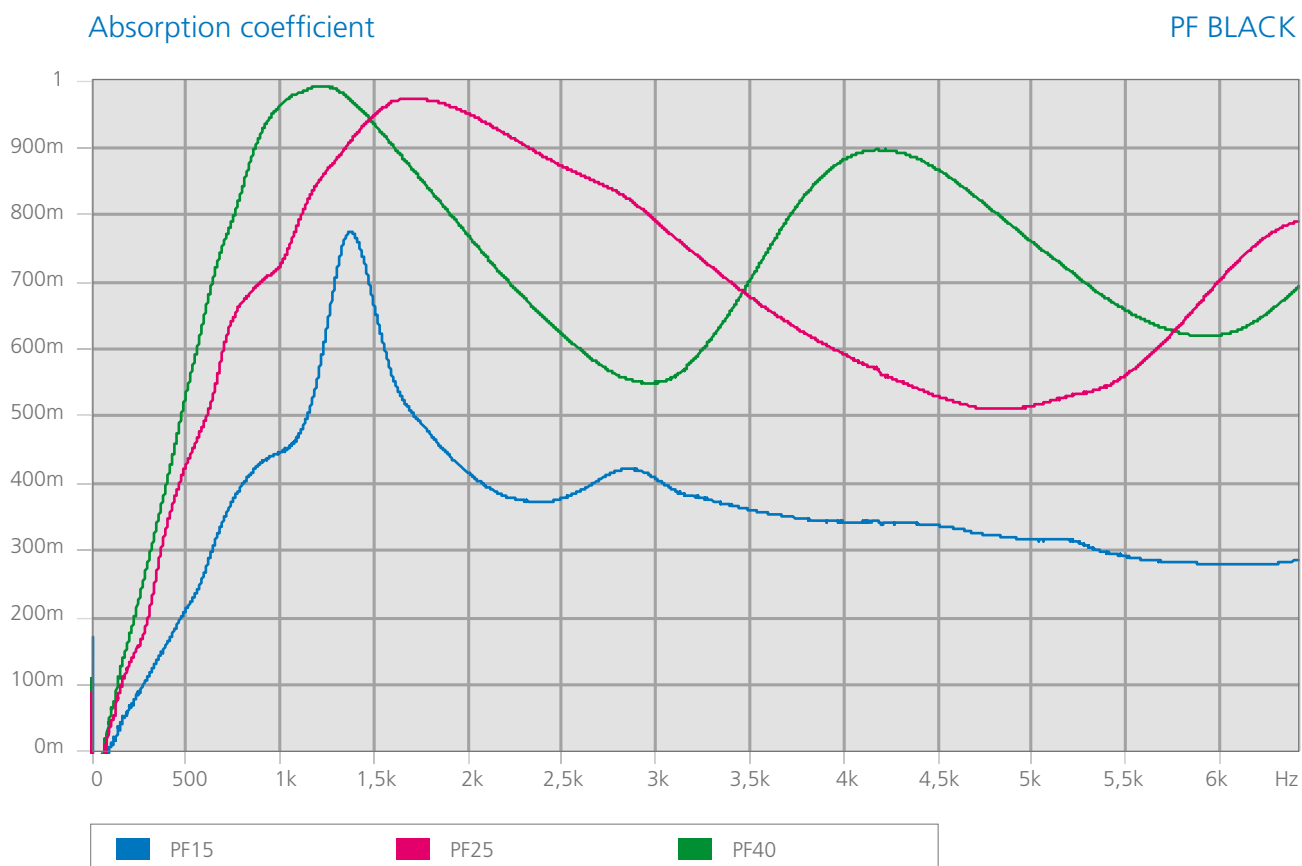
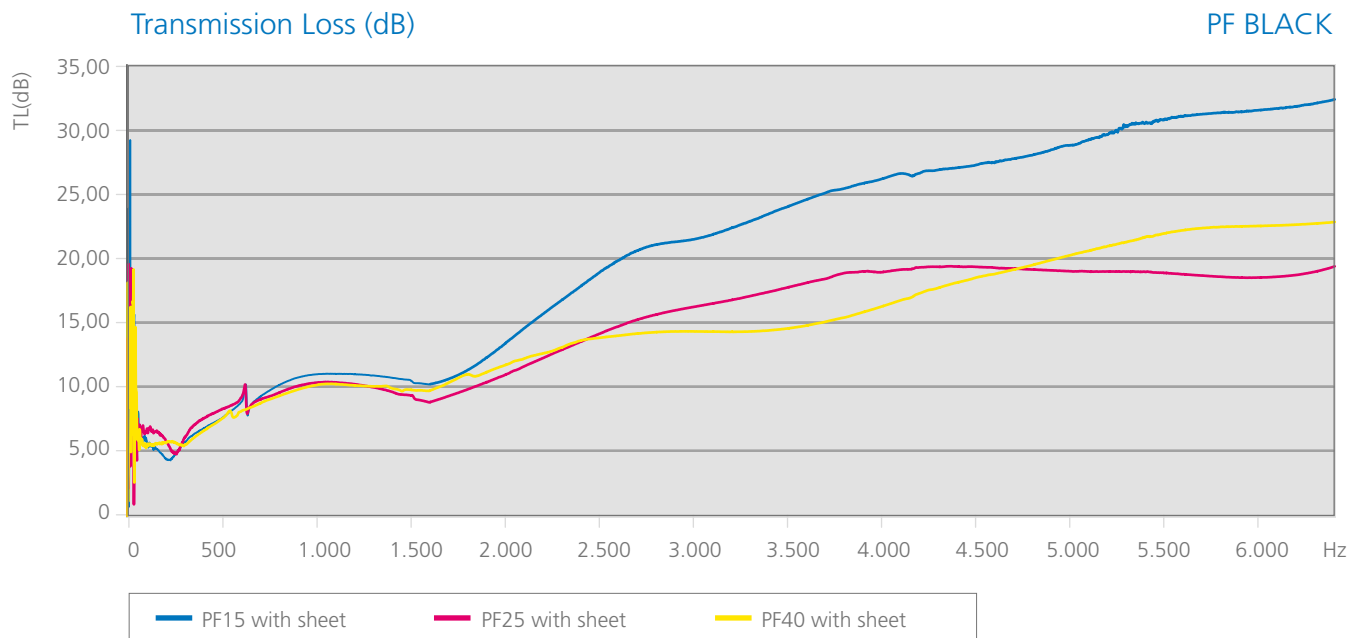
15 mm. 25 mm. 40 mm.

Formats

1200 x 1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.
40 mm. thick, 3 Sheets per box.

1500 mm. wide x approx. 20 m. long Rolls.

Type	Code	SELF-ADHESIVE	R _w (dB)
PF-15 roll	26160	-	11
PF-15 A roll	26163	x	11
PF-25 roll	26161	-	12
PF-25 A roll	26164	x	12
PF-40 roll	26162	-	11
PF-40 A roll	26165	x	11
PF-15 A sheet	26291	x	11
PF-25 A sheet	26292	x	12
PF-40 A sheet	26193	x	11
PF-15 sheet	26166	-	11
PF-25 sheet	26167	-	12
PF-40 sheet	26168	-	11



SPECIFICATIONS

PAI

15 mm.

25 mm.

40 mm.

Aluminium
facing with
fibreglass support
and absorbing
polyurethane foam.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Aluminium facing with fibreglass support and absorbing polyurethane foam.

Applications

Thermal insulation, M-1 class fire-resistant, good resistance to hydrocarbon damage and not very good acoustic absorber but good isolator.

Thicknesses

15 mm. 25 mm. 40 mm.

Formats

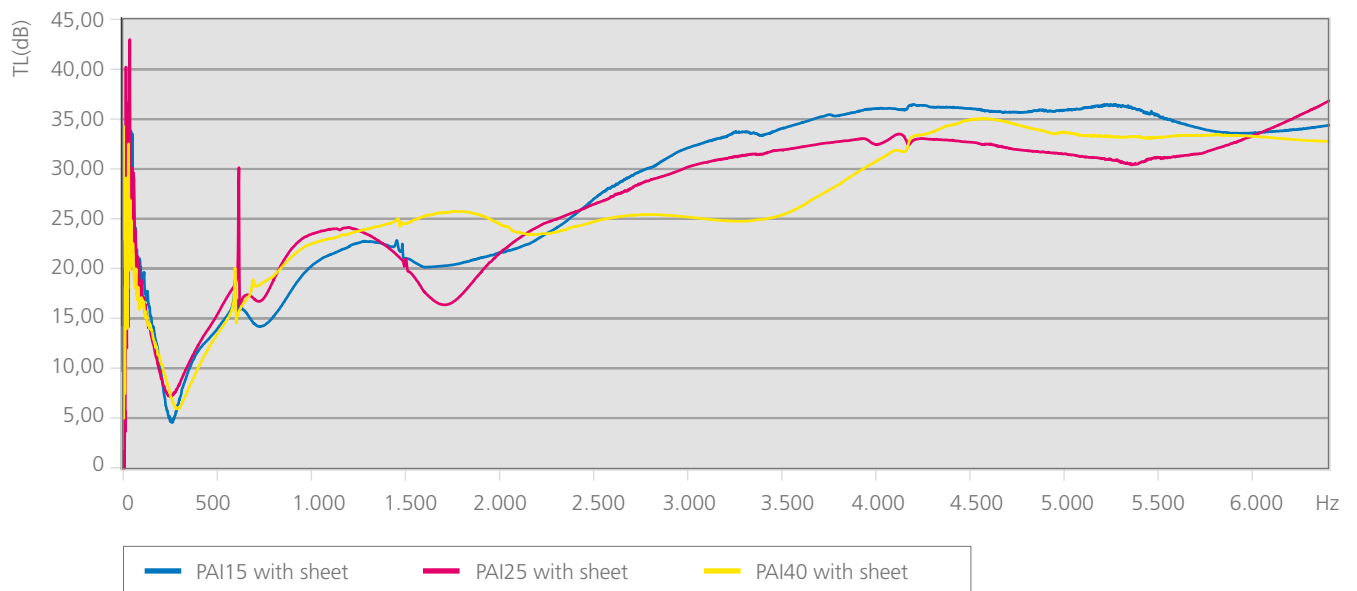
1200 x 1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.
40 mm. thick, 3 Sheets per box.

1500mm wide x approx. 20m long Rolls.

Type	Code	SELF-ADHESIVE	R _w (dB)
PAI-15 sheet	26025	-	17
PAI-15 A sheet	26170	x	17
PAI-15 roll	26022	-	17
PAI-15 A roll	26172	x	17
PAI-25 sheet	26026	-	19
PAI-25 A sheet	26127	x	19
PAI-25 roll	26023	-	19
PAI-25 A roll	26173	x	19
PAI-40 sheet	26027	-	19
PAI-40 A sheet	26171	x	19
PAI-40 roll	26024	-	19
PAI-40 A roll	26174	x	19

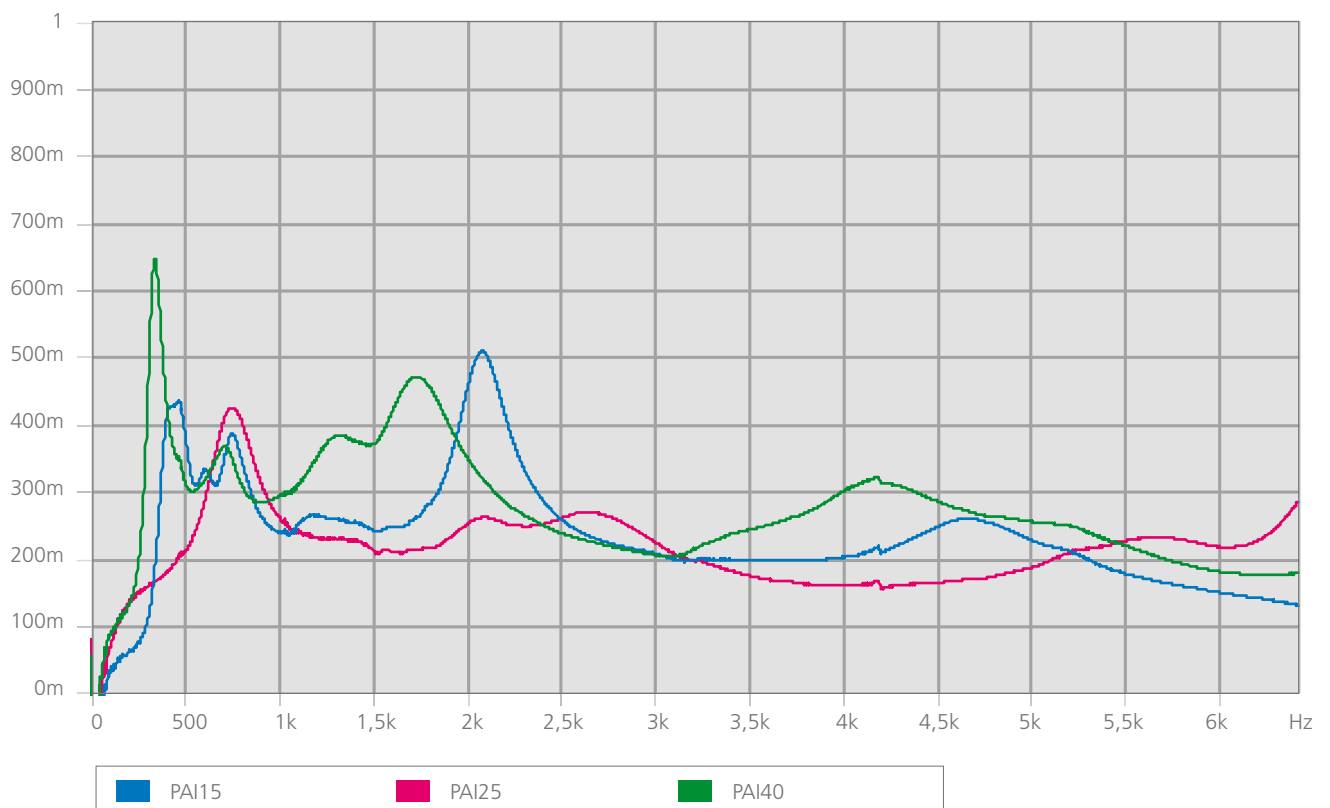
Transmission Loss (dB)

PAI



Absorption coefficient

PAI



SPECIFICATIONS

PI

15 mm.

25 mm.

40 mm.

White coloured
fiberglass facing
and absorbing
polyurethane foam.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

White coloured fiberglass facing and absorbing polyurethane foam.

Applications

Thermal insulation, good resistance to hydrocarbon damage and not very good acoustic absorber but good isolator.

Thicknesses

15 mm. 25 mm. 40 mm.

Formats

1200 x 1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.
40 mm. thick, 3 Sheets per box.

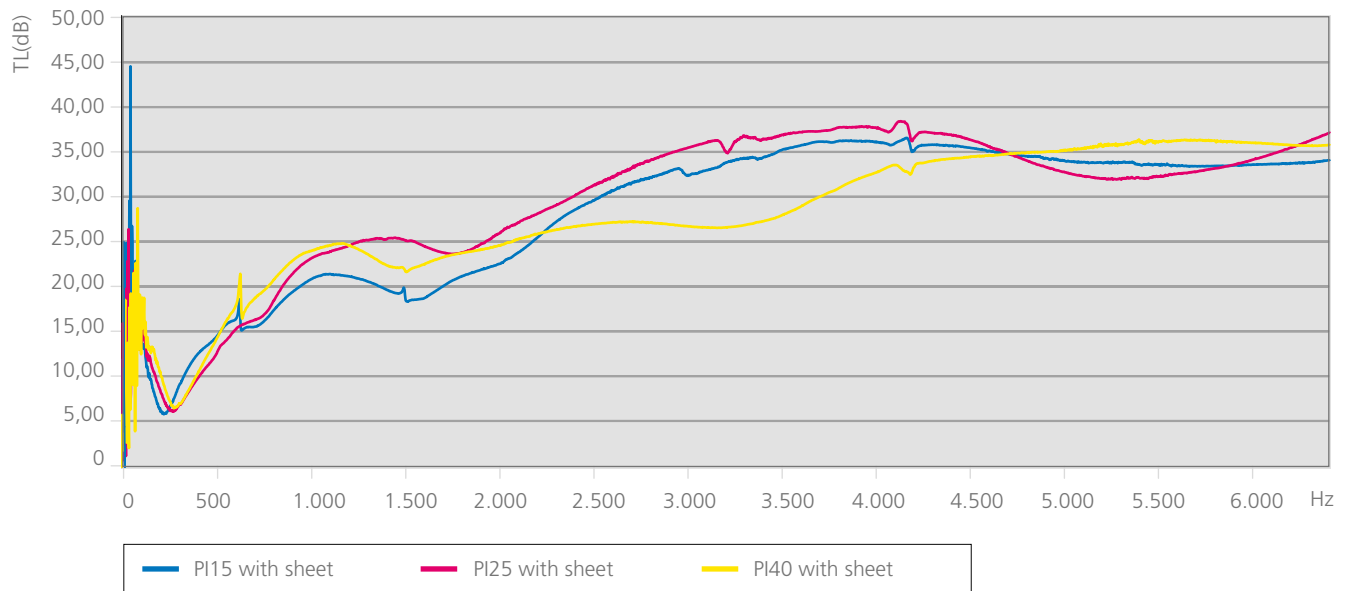


1500 mm. wide x approx. 20 m. long Rolls.

Type	Code	SELF-ADHESIVE	R _w (dB)
PI-15 sheet	26019	-	18
PI-15 A sheet	26180	x	18
PI-15 roll	26016	-	18
PI-15 A roll	26183	x	18
PI-25 sheet	26020	-	18
PI-25 A sheet	26181	x	18
PI-25 roll	26017	-	18
PI-25 A roll	26069	x	18
PI-40 sheet	26021	-	19
PI-40 A sheet	26182	x	19
PI-40 roll	26018	-	19
PI-40 A roll	26184	x	19

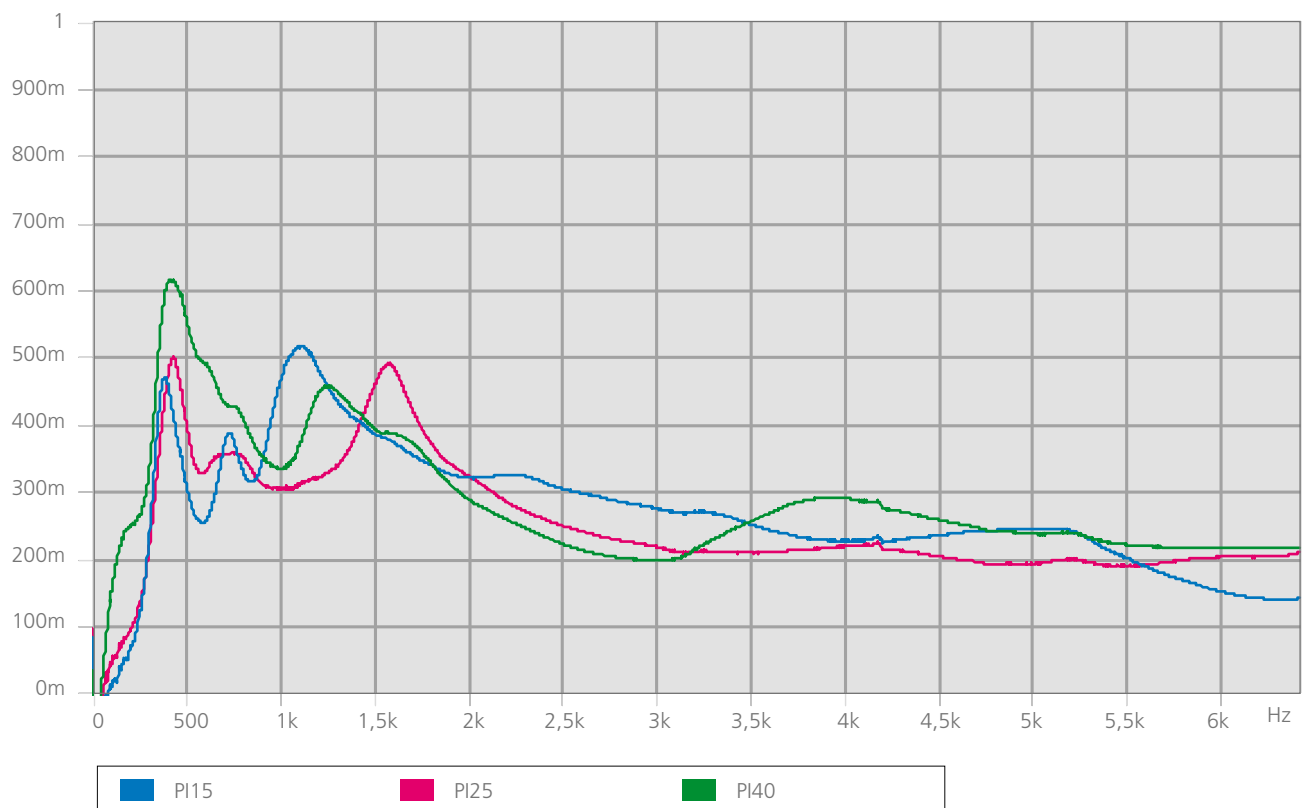
Transmission Loss (dB)

PI



Absorption coefficient

PI



SPECIFICATIONS

AGLO D

20 mm.

40 mm.

Beige perforated
PVC facing and
bound polyurethane
foam with a density
of 150 Kg/m³.



Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Beige perforated PVC facing and bound polyurethane foam with a density of 150 Kg/m³.

Applications

Lining interior of soundproof cabins and vehicles, good absorption.

Thicknesses

20 mm. 40 mm.

Formats

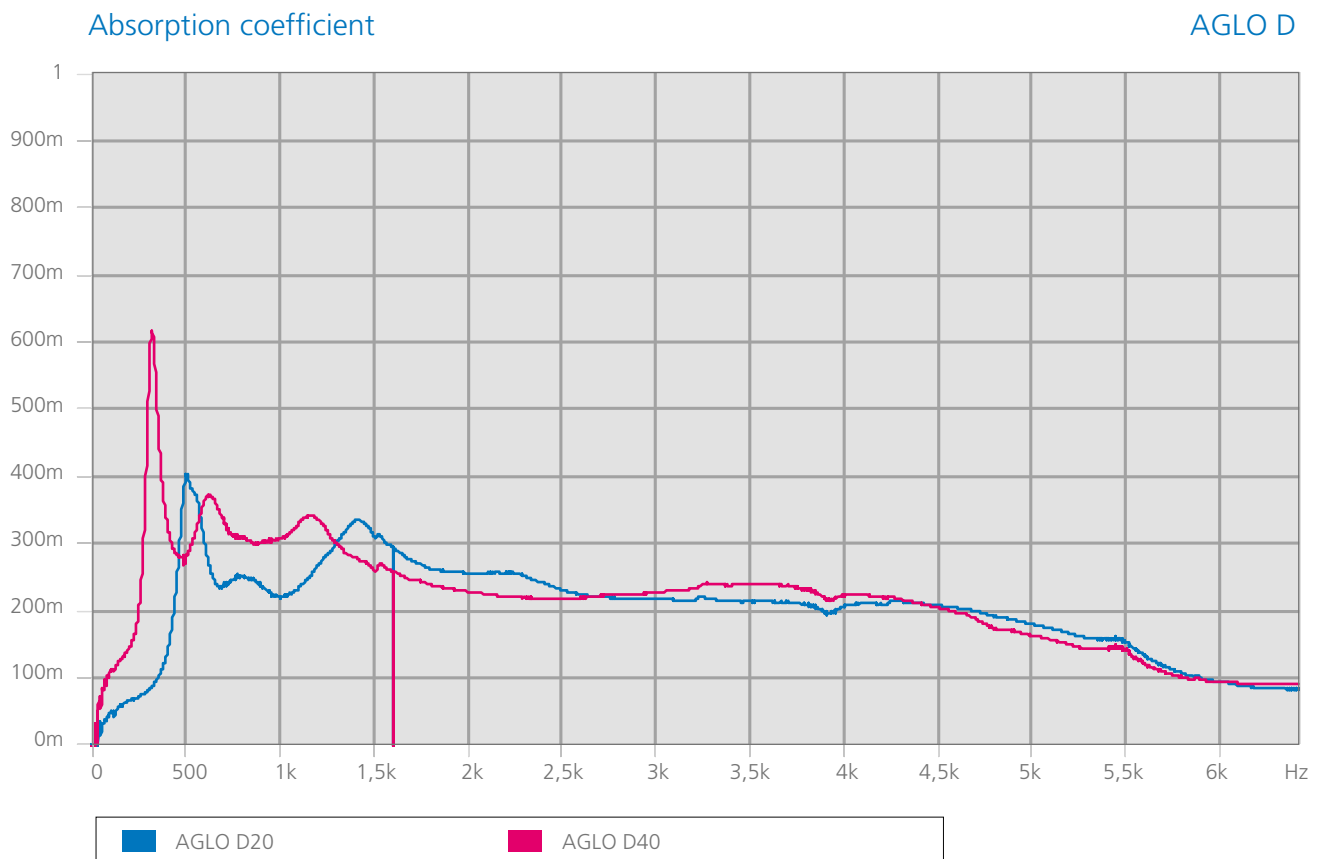
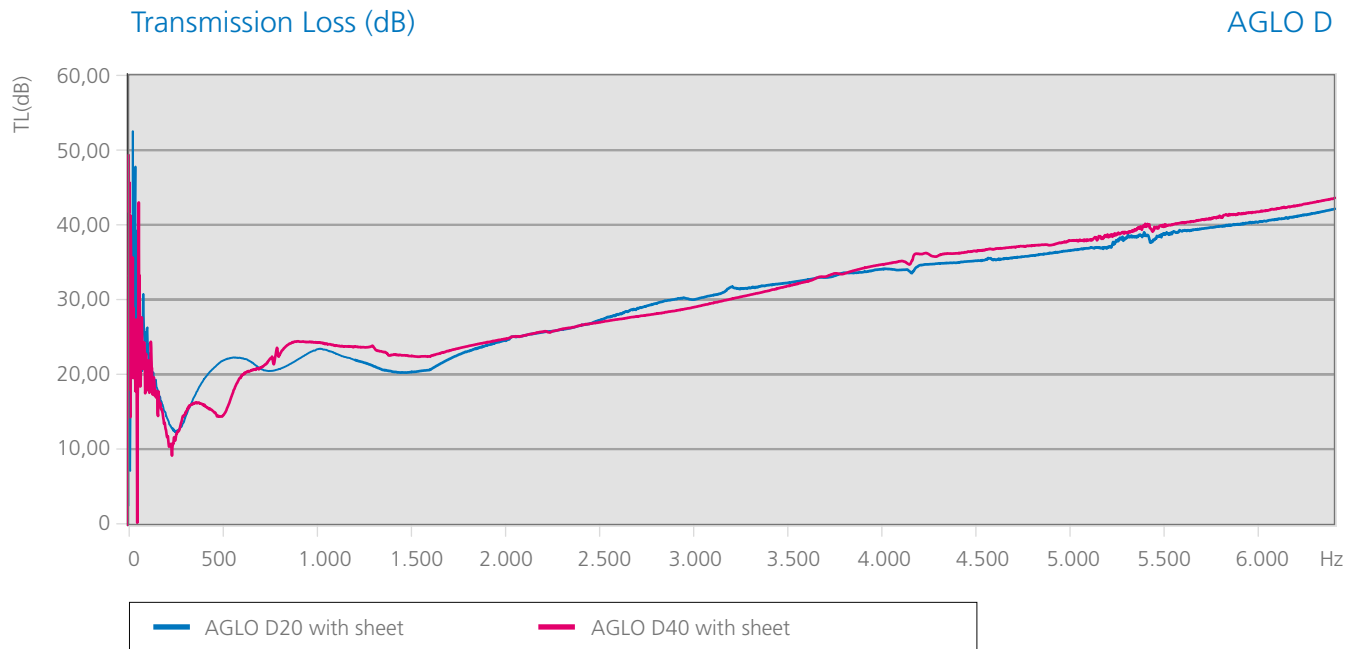


2000 x 1000 mm. Sheets.



Consult for roll manufacturing.

Type	Code	SELF-ADHESIVE	R _w (dB)
AGLO D 150/20	28300	-	23
AGLO D A 150/20	28302	x	23
AGLO D 150/40	28301	-	23
AGLO D A 150/40	28303	x	23



SPECIFICATIONS

AGLO FAR

20 mm.

40 mm.

Black unwoven film and bound polyurethane foam with a density of 150 Kr/m³.



Overall air-borne noise isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBECA88.

Composition

Black unwoven film and bound polyurethane foam with a density of 150 Kr/m³.

Applications

Lining interior of soundproof cabins and vehicles, good absorption.

Thicknesses

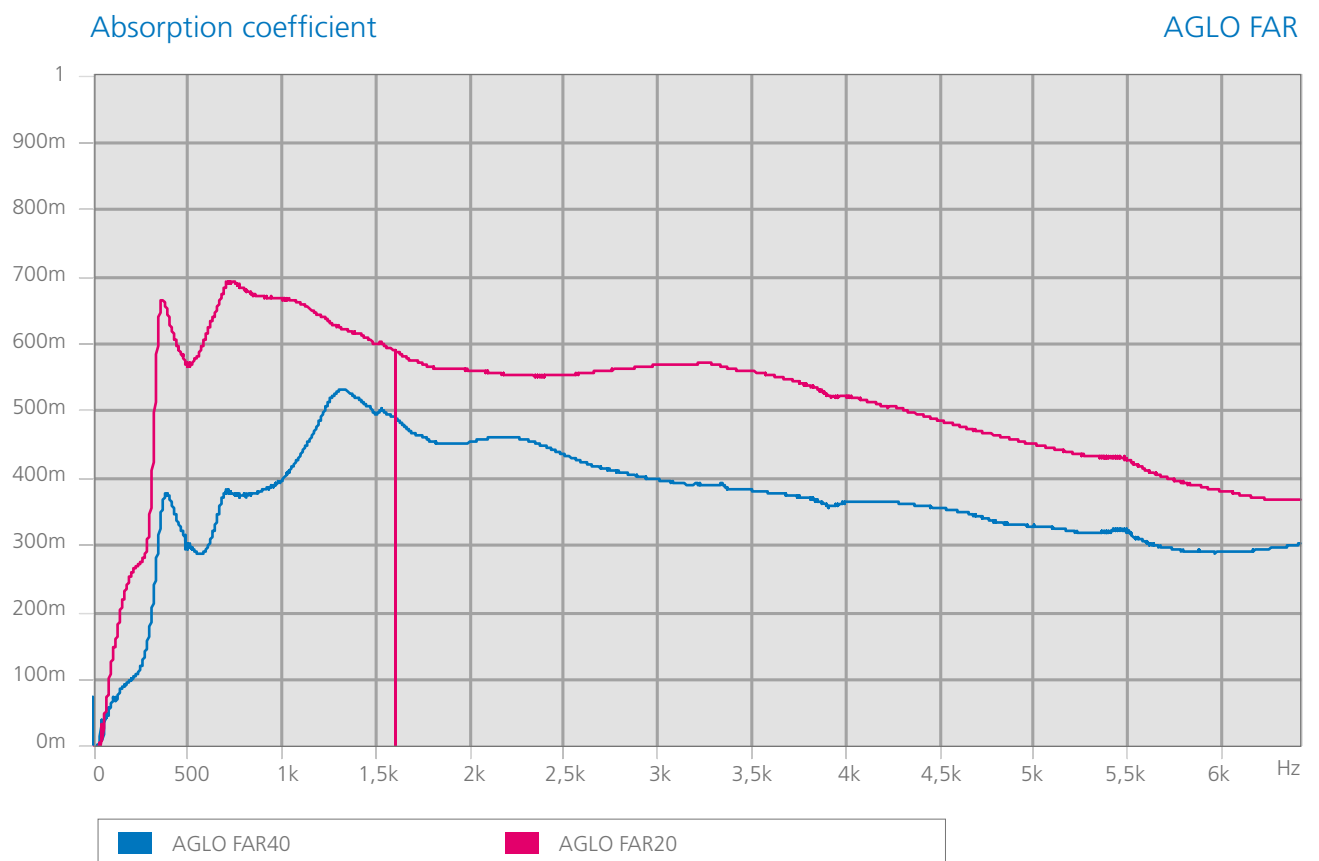
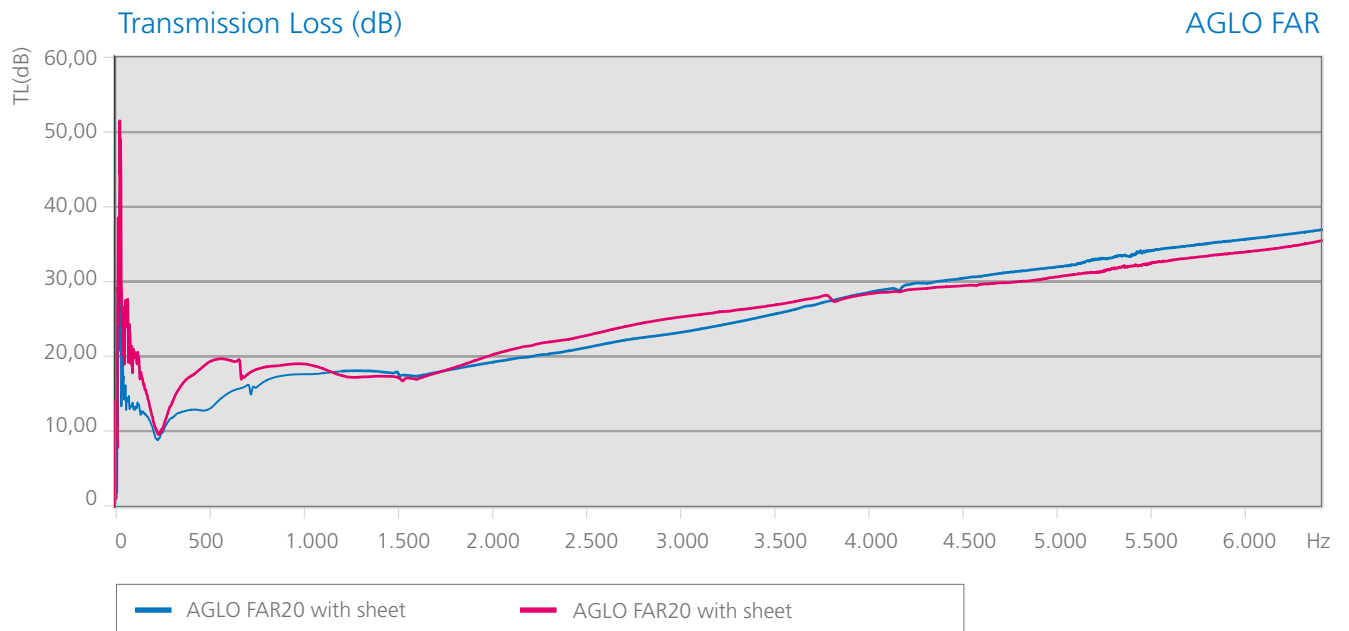
20 mm. 40 mm.

Formats

■ 2000 x 1000 mm. Sheets.

● Consult for roll manufacturing.

Type	Code	SELF-ADHESIVE	R _w (dB)
AGLO FAR 150/20	28304	-	21
AGLO FAR + AUTO 150/20	28306	x	21
AGLO FAR 150/40	28305	-	18
AGLO FAR + AUTO 150/40	28307	x	18



SPECIFICATIONS

AGLO PAI

20 mm.

40 mm.

Aluminium facing
with fiberglass
support and bound
polyurethane foam
with a density of 150
Kg/m³.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBECA88.

Composition

Aluminium facing with fiberglass support and bound polyurethane foam with a density of 150 Kg/m³.

Applications

Thermal insulation, M-1 class fire-resistant, good resistance to hydrocarbon damage and not very good acoustic absorber but good isolator.

Thicknesses

20 mm. 40 mm.

Formats

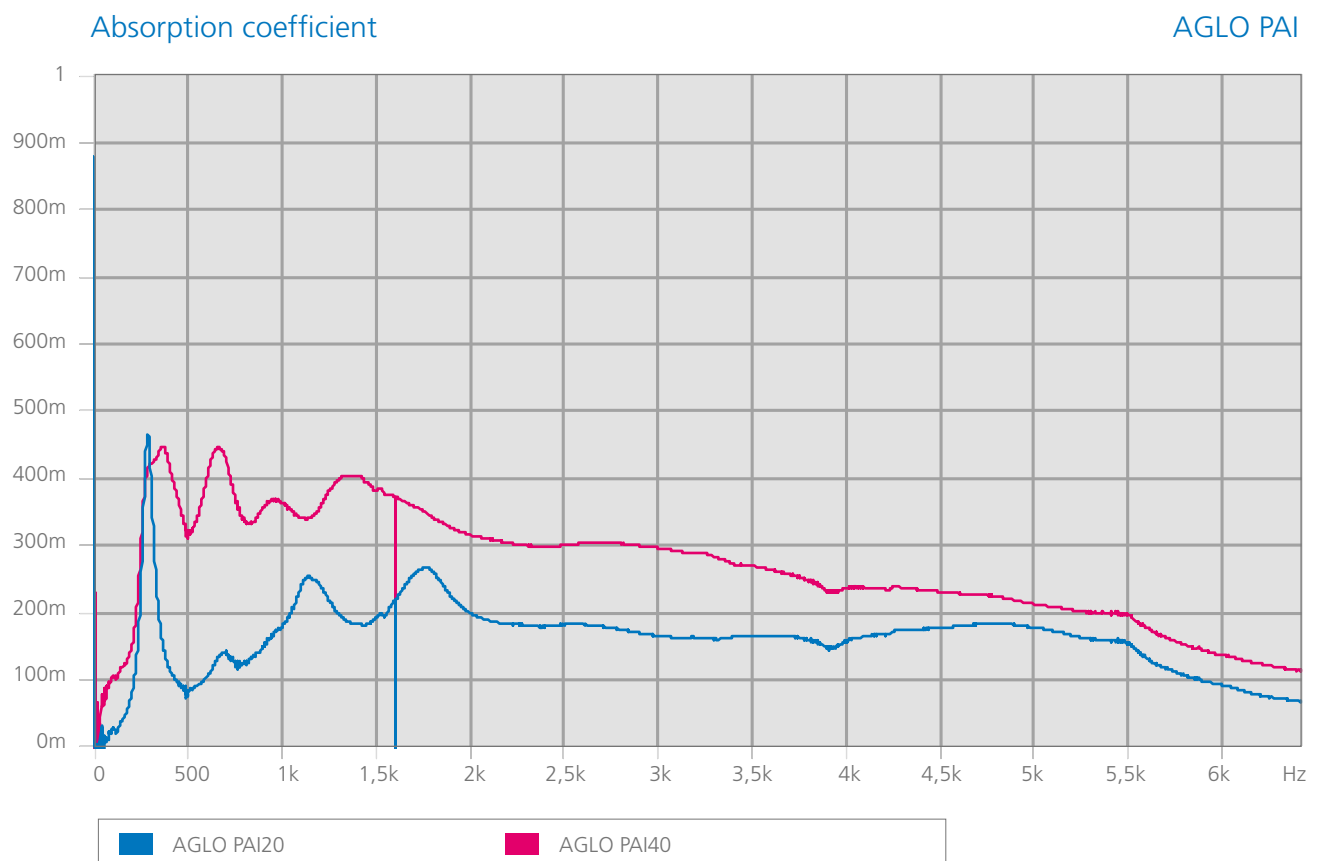
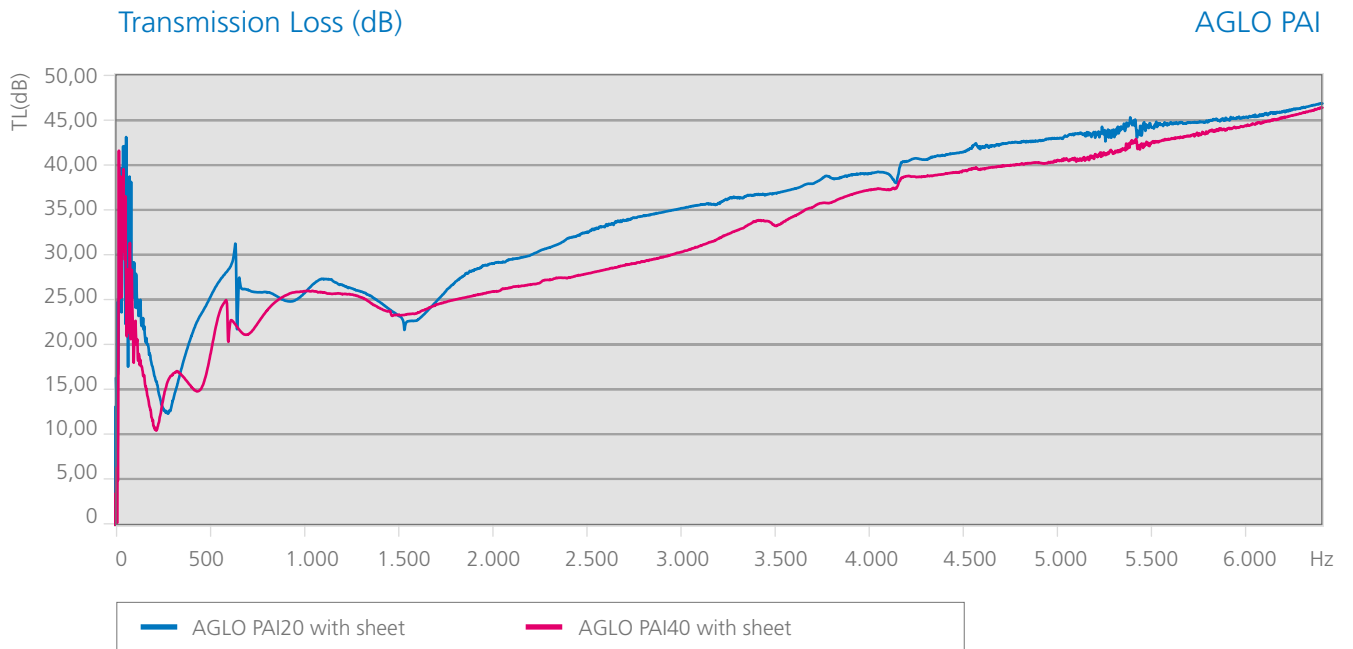


2000 x 1000 mm. Sheets.



Consult for roll manufacturing.

Type	Code	SELF-ADHESIVE	R _w (dB)
AGLO PAI 150/20	28101	-	26
AGLO PAI + AUTO 150/20	28308	x	26
AGLO PAI 150/40	28102	-	24
AGLO PAI + AUTO 150/40	28309	x	24



SPECIFICATIONS

AGLO PI

20 mm.

40 mm.

Fiberglass facing and
bound polyurethane
foam with a density
of 150 Kg/m³.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBECA88.

Composition

Fiberglass facing and bound polyurethane foam with a density of 150 Kg/m³.

Applications

Thermal insulation, good resistance to hydrocarbon damage and not very good acoustic absorber but good isolator.

Thicknesses

20 mm. 40 mm.

Formats

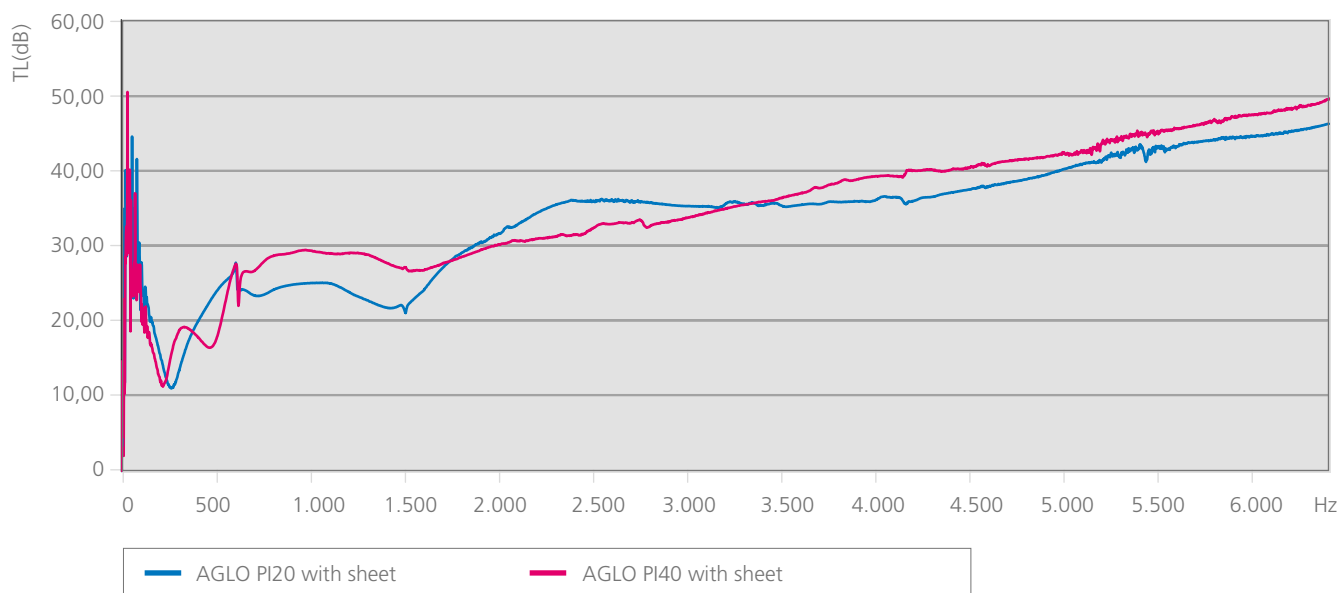
■ 2000x1000mm Sheets.

● Consult for roll manufacturing.

Type	Code	SELF-ADHESIVE	R _w (dB)
AGLO PI 150/20	28310	-	25
AGLO PI + AUTO 150/20	28312	x	25
AGLO PI 150/40	28311	-	26
AGLO PI + AUTO 150/40	28313	x	26

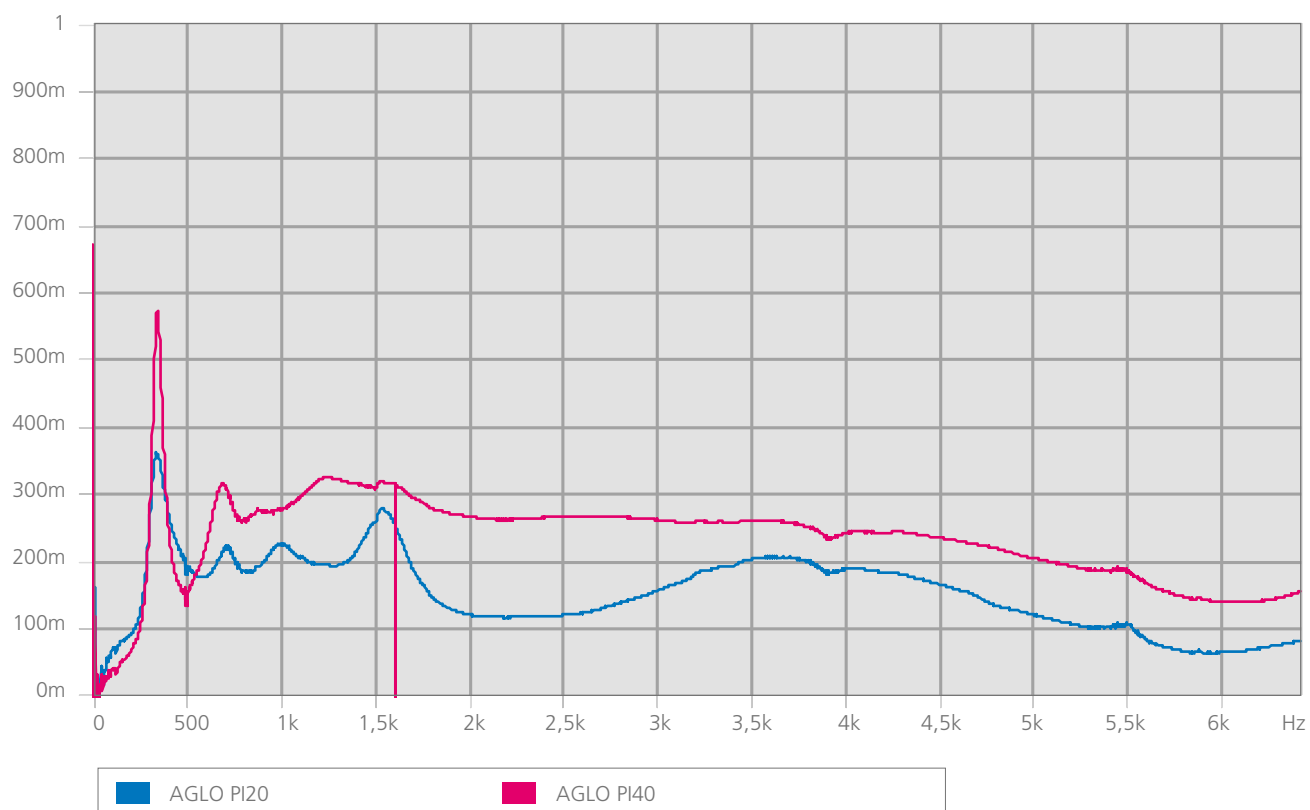
Transmission Loss (dB)

AGLO PI



Absorption coefficient

AGLO PI



SPECIFICATIONS

FD

15 mm.

25 mm.

Beige perforated
PVC facing and
M-1 class fire-
resistant absorbing
polyurethane foam.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Beige perforated PVC facing and M-1 class fire-resistant absorbing polyurethane foam.

Applications

Lining interior of soundproof cabins or vehicles, good absorption and absorbent with M-1 class fire-resistant behaviour.

Thicknesses

15 mm. 25 mm.

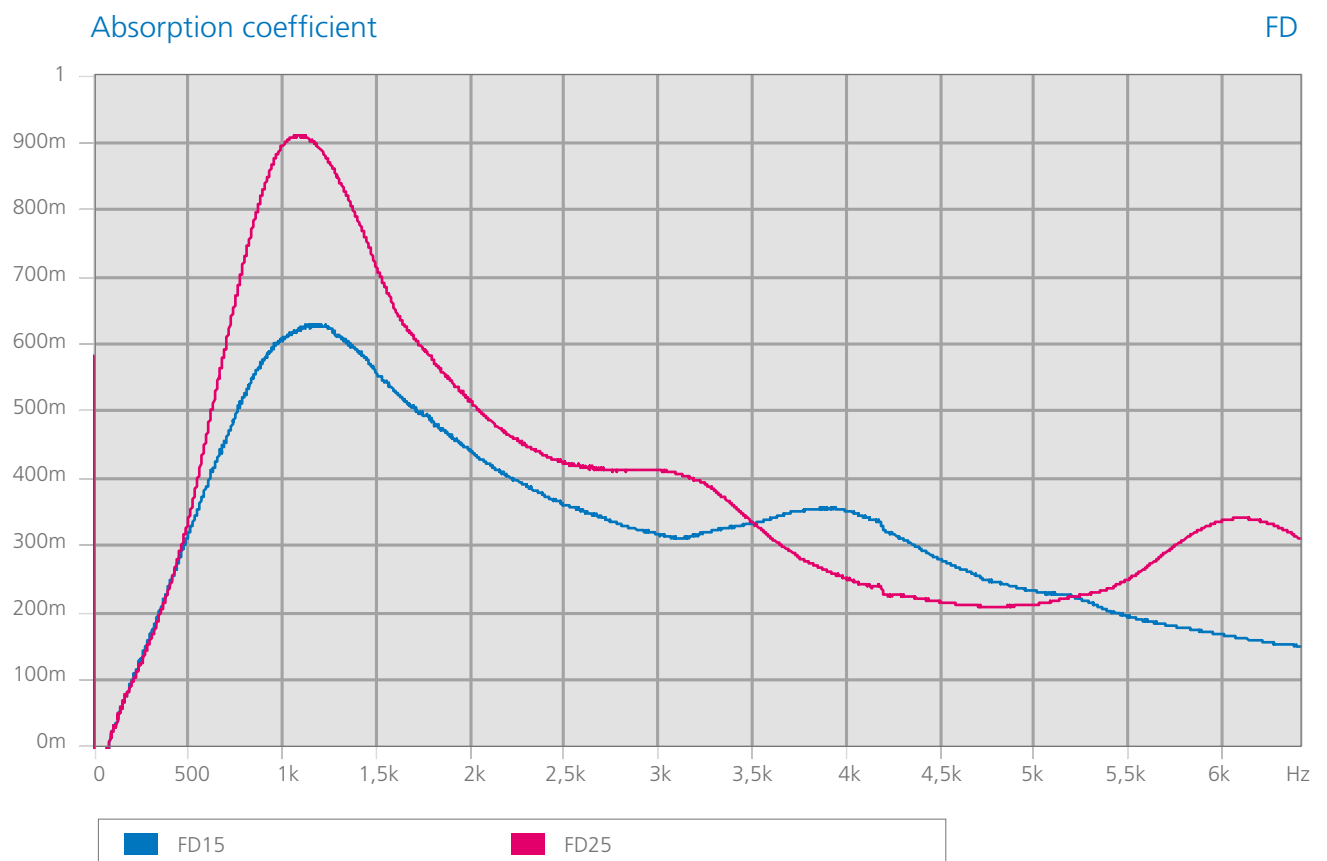
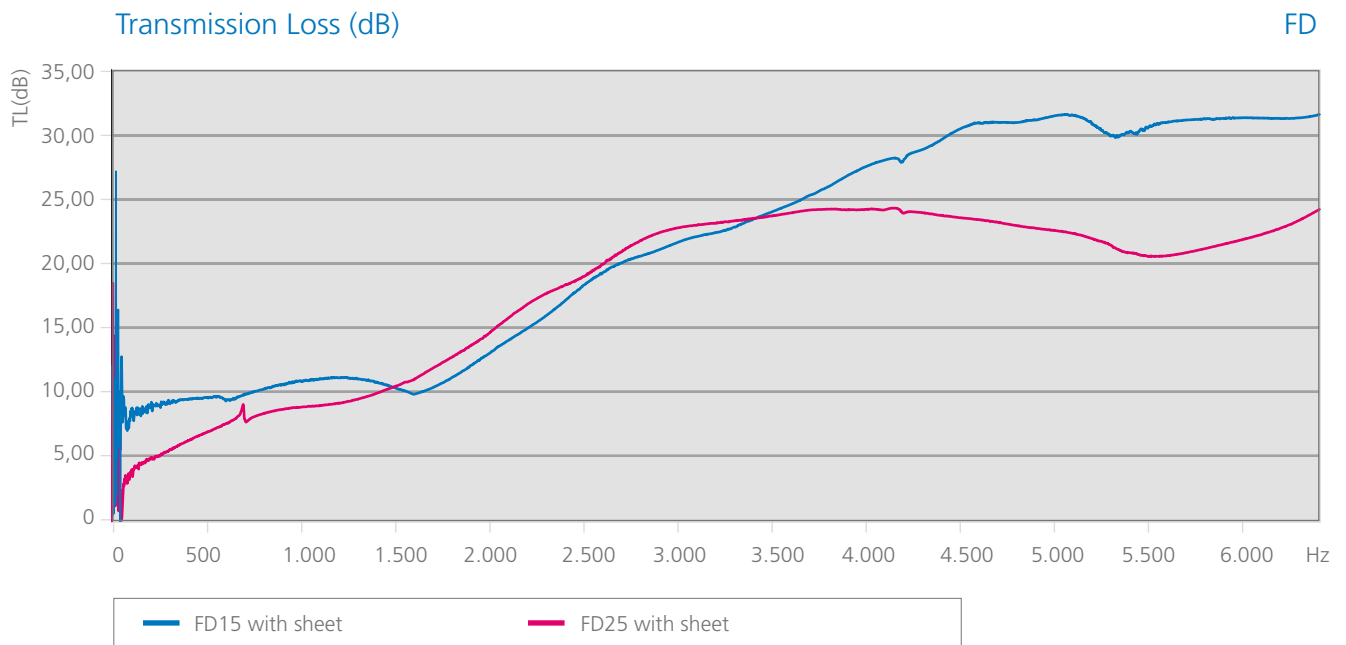
Formats

1200 x 1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.



Consult for roll manufacturing possibilities.

Type	Code	SELF-ADHESIVE	R _w (dB)
FD-15 sheet	26231	-	13
FD-15 A sheet	26233	x	13
FD-25 sheet	26232	-	11
FD-25 A sheet	26234	x	11



SPECIFICATIONS

FAR

15 mm.

25 mm.

Black unwoven film
and M-1 class fire-
resistant absorbing
polyurethane foam.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Black unwoven film and M-1 class fire-resistant absorbing polyurethane foam.

Applications

Lining interior of soundproof cabins or vehicles, good absorption and absorbent with M-1 class fire-resistant behaviour.

Thicknesses

15 mm. 25 mm.

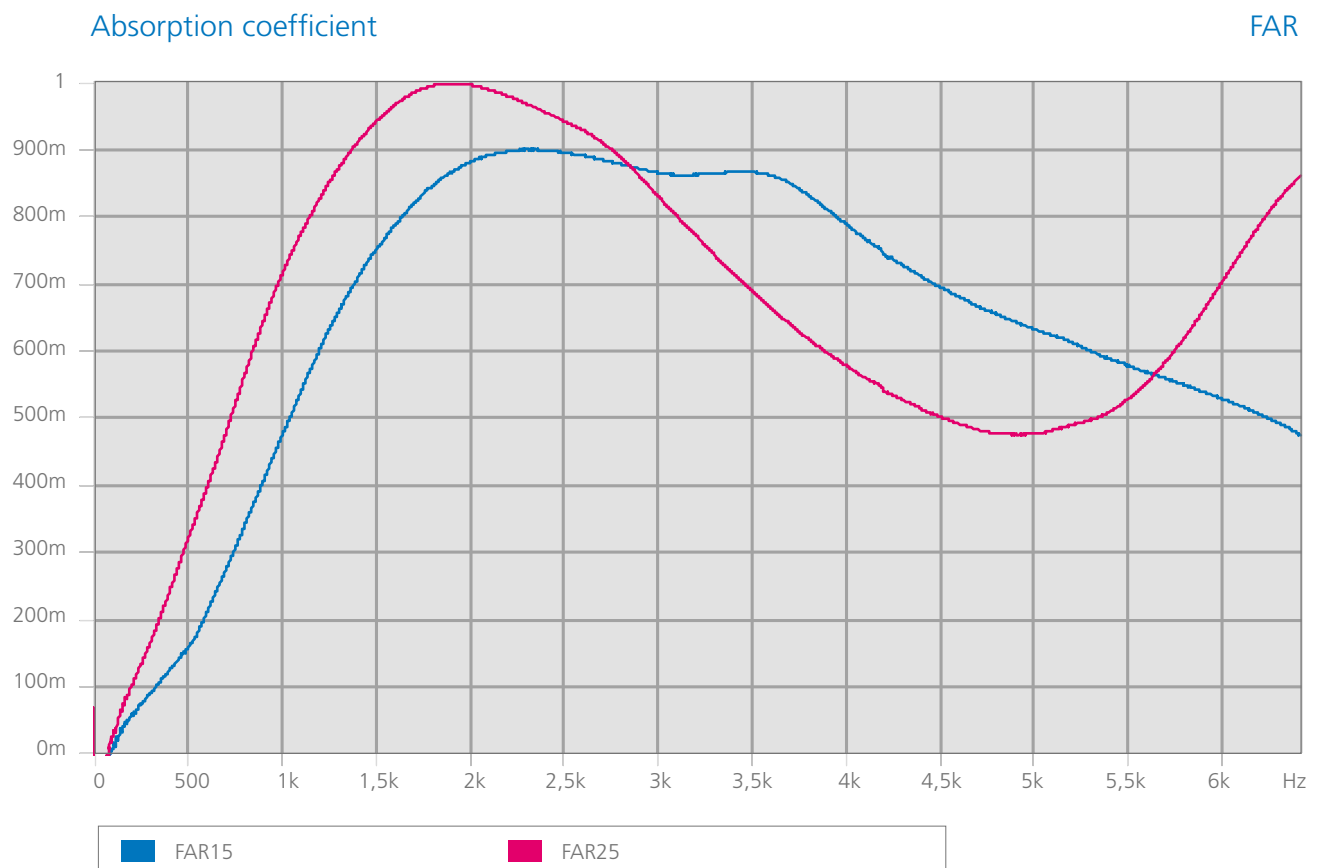
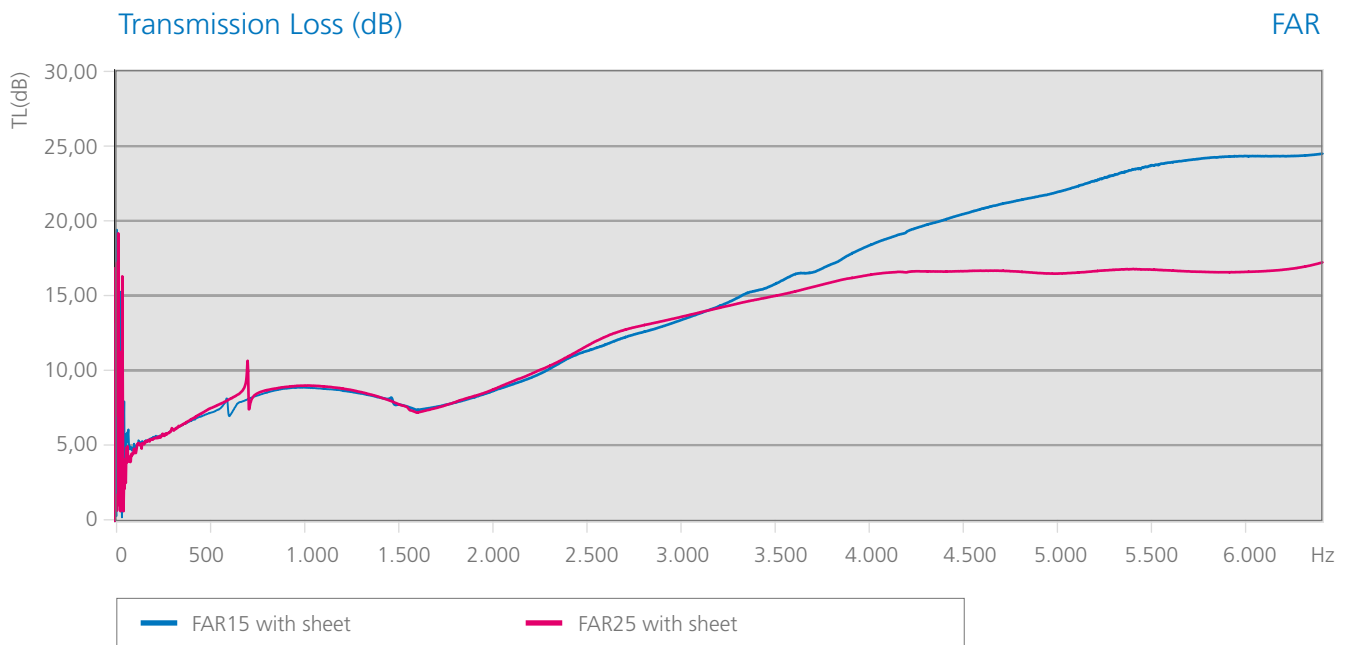
Formats

1200 x 1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.



Consult for roll manufacturing possibilities.

Type	Code	SELF-ADHESIVE	R _w (dB)
FAR-15 sheet	26241	-	10
FAR-15 A sheet	26242	x	10
FAR-25 sheet	26243	-	10
FAR-25 A sheet	26244	x	10



SPECIFICATIONS

FAI

15 mm.

25 mm.

Aluminium facing
with fibreglass
support and
M-1 class fire-
resistant absorbing
polyurethane foam.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Aluminium facing with fibreglass support and M-1 class fire-resistant absorbing polyurethane foam.

Applications

Thermal insulation, M-1 class fire-resistant, good resistance to hydrocarbon damage and not very good acoustic absorber but good isolator.

Thicknesses

15 mm. 25 mm.

Formats

1200 x 1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.

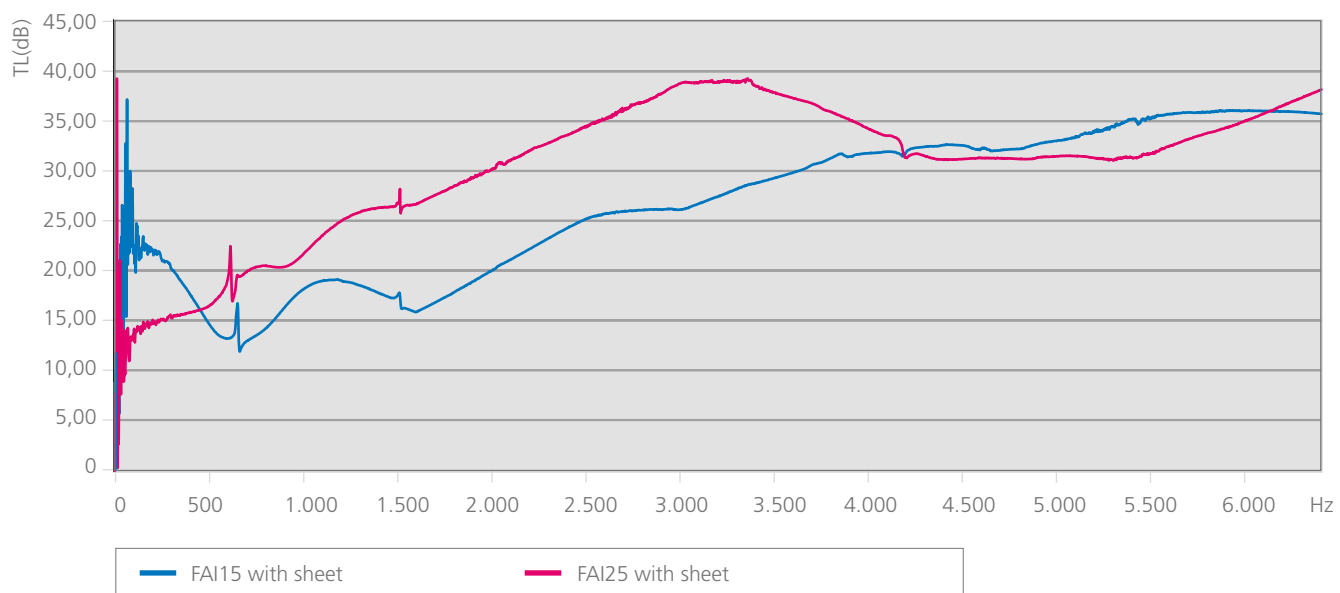


Consult for roll manufacturing possibilities.

Type	Code	SELF-ADHESIVE	R _w (dB)
FAI-15 sheet	26251	-	19
FAI-15 A sheet	26253	x	19
FAI-25 sheet	26252	-	23
FAI-25 A sheet	26254	x	23

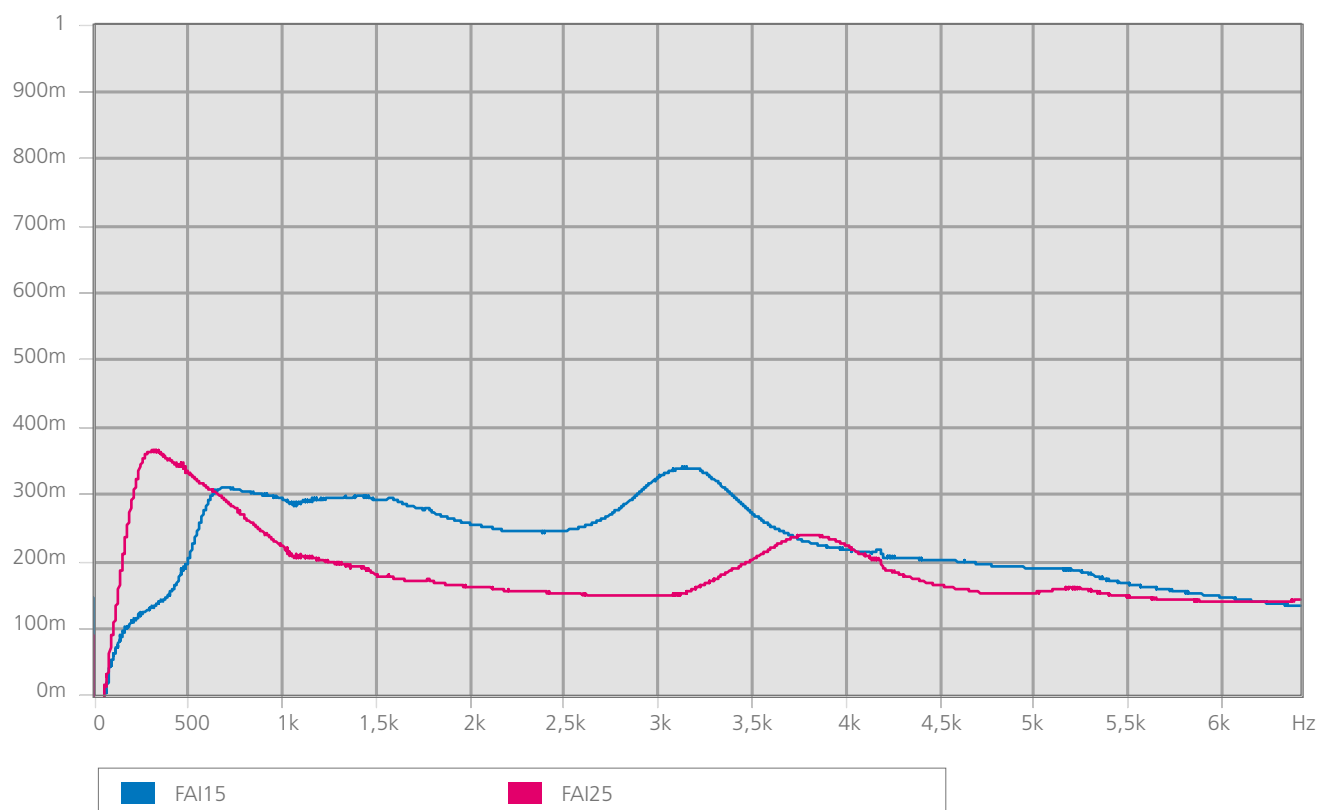
Transmission Loss (dB)

FAI



Absorption coefficient

FAI



SPECIFICATIONS

FI

15 mm.

25 mm.

Fiberglass facing
and M-1 class fire-
resistant absorbing
polyurethane foam.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Fiberglass facing and M-1 class fire-resistant absorbing polyurethane foam.

Applications

Thermal insulation, M-1 class fire-resistant behaviour, good resistance to hydrocarbon damage and not very good acoustic absorber but good isolator.

Thicknesses

15 mm. 25 mm.

Formats

1200 x 1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.

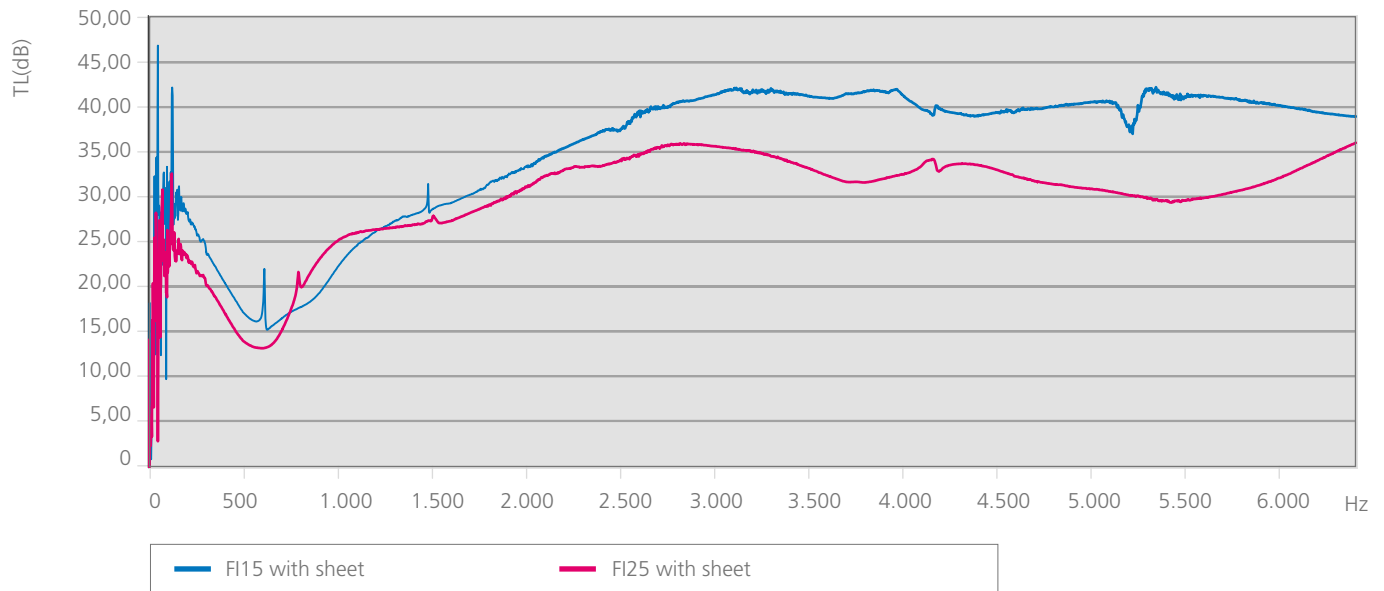


Consult for roll manufacturing possibilities.

Type	Code	SELF-ADHESIVE	R _w (dB)
FI-15 sheet	26206	-	22
FI-15 A sheet	26201	x	22
FI-25 sheet	26207	-	23
FI-25 A sheet	26205	x	23

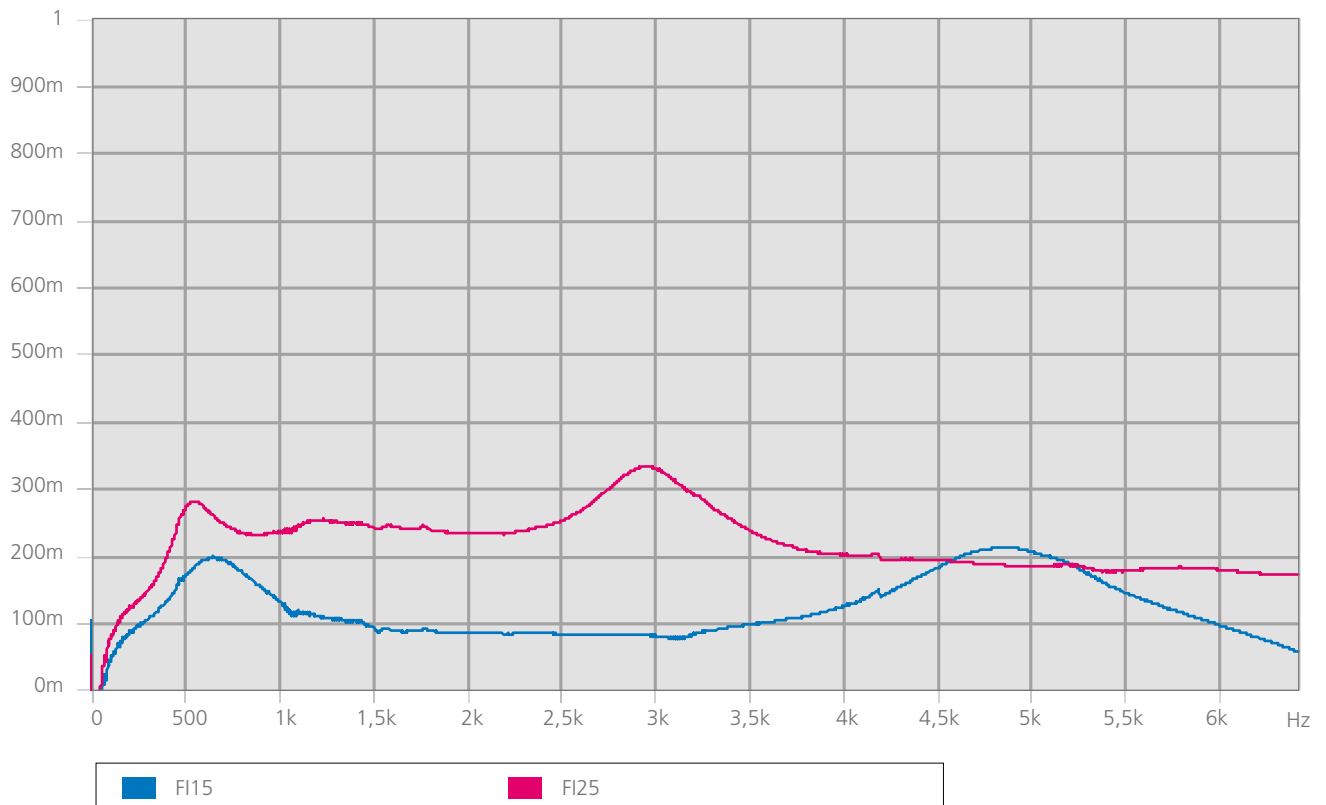
Transmission Loss (dB)

FI



Absorption coefficient

FI



SPECIFICATIONS

FARM

15 mm.

25 mm.

Black unwoven film, M-1 class fire-resistant absorbing polyurethane foam and 5 Kg/m² heavy viscoelastic mass.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Black unwoven film, M-1 class fire-resistant absorbing polyurethane foam and 5 Kg/m² heavy viscoelastic mass.

Applications

Lining interior of soundproof cabins and vehicles, good absorption, absorbent with M-1 class fire-resistant behaviour and damping sheet that increases the mass and dampens vibrations.

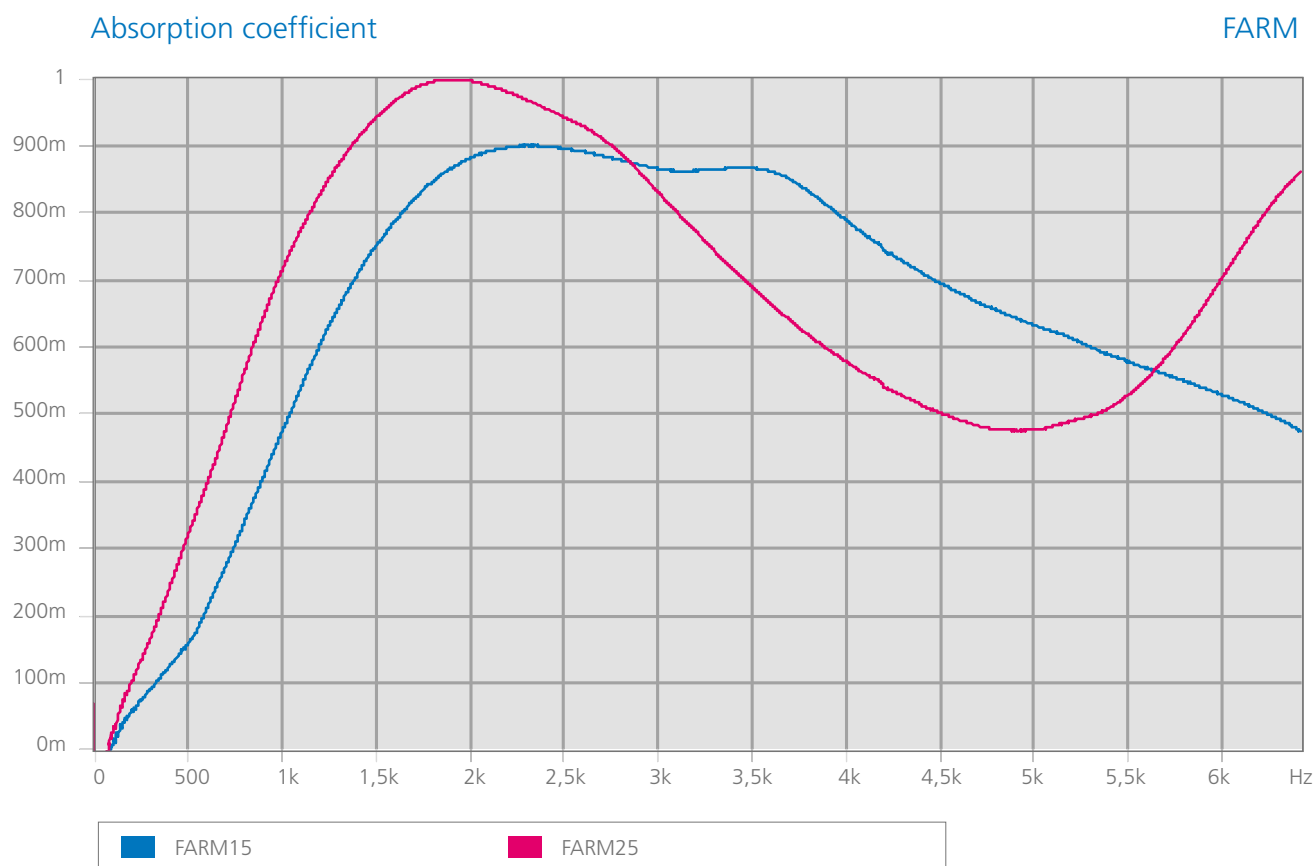
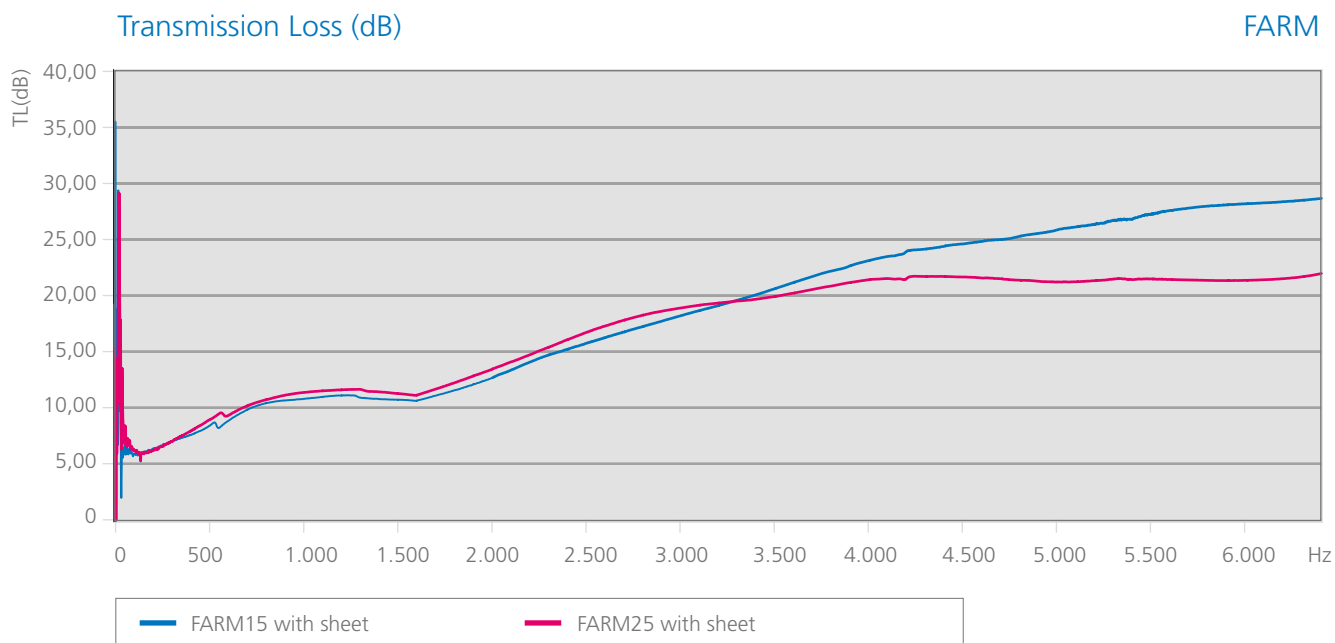
Thicknesses

15 mm. 25 mm.

Formats

1200 x 1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.

Type	Code	SELF-ADHESIVE	R _w (dB)
FARM-15 sheet	26261	-	12
FARM-15 A sheet	26263	x	12
FARM-25 sheet	26262	-	13
FARM-25 A sheet	26264	x	13



SPECIFICATIONS

FAIM

15 mm.

25 mm.

Aluminium facing with fibreglass support, M-1 class fire-resistant absorbing polyurethane foam and 5 Kg/m² heavy viscoelastic mass.



Overall air-borne noise isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Aluminium facing with fibreglass support, M-1 class fire-resistant absorbing polyurethane foam and 5 Kg/m² heavy viscoelastic mass.

Applications

Thermal insulation, M-1 class fire-resistant, good resistance to hydrocarbon damage and not very good acoustic absorber but good absorbing isolator with M-1 class fire-resistant behaviour and dampens vibrations.

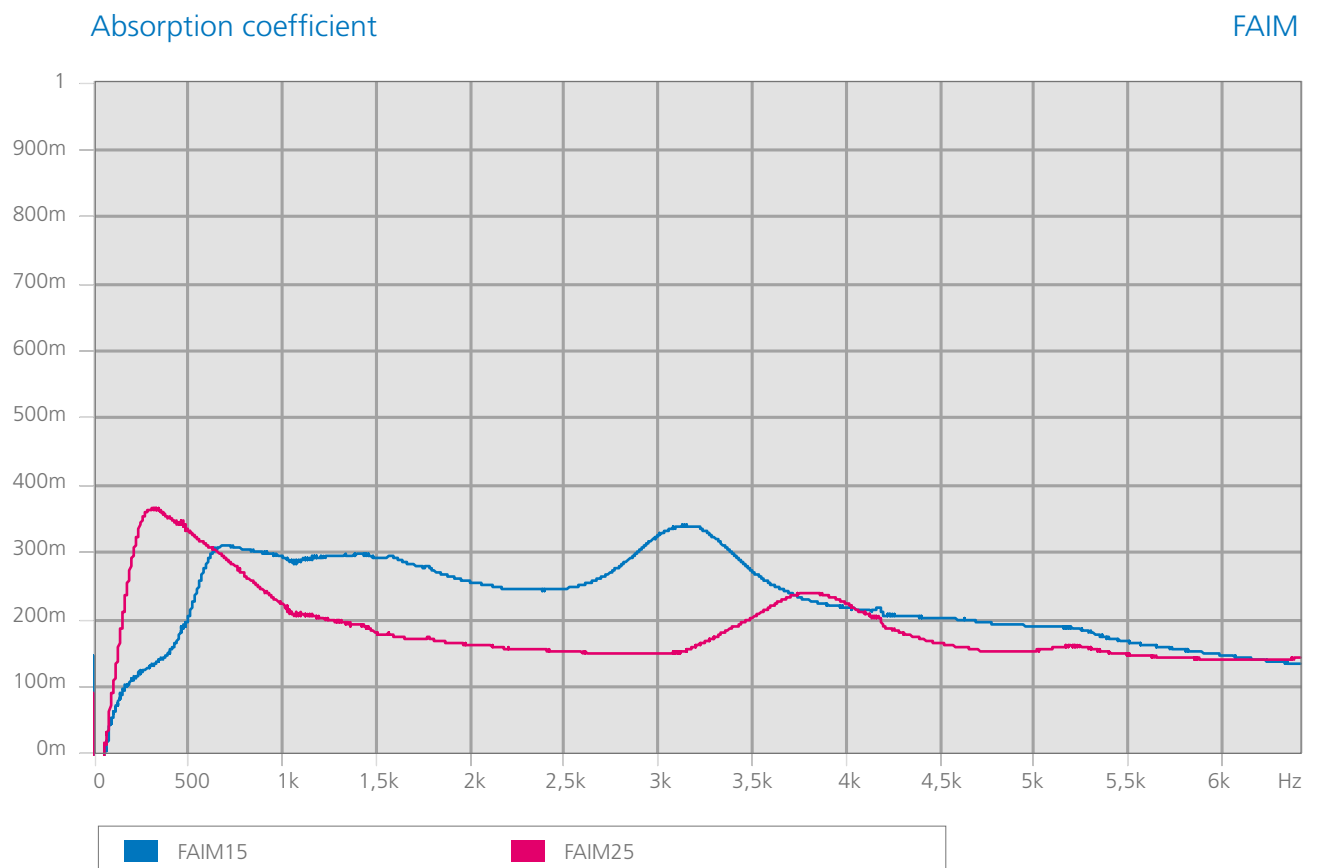
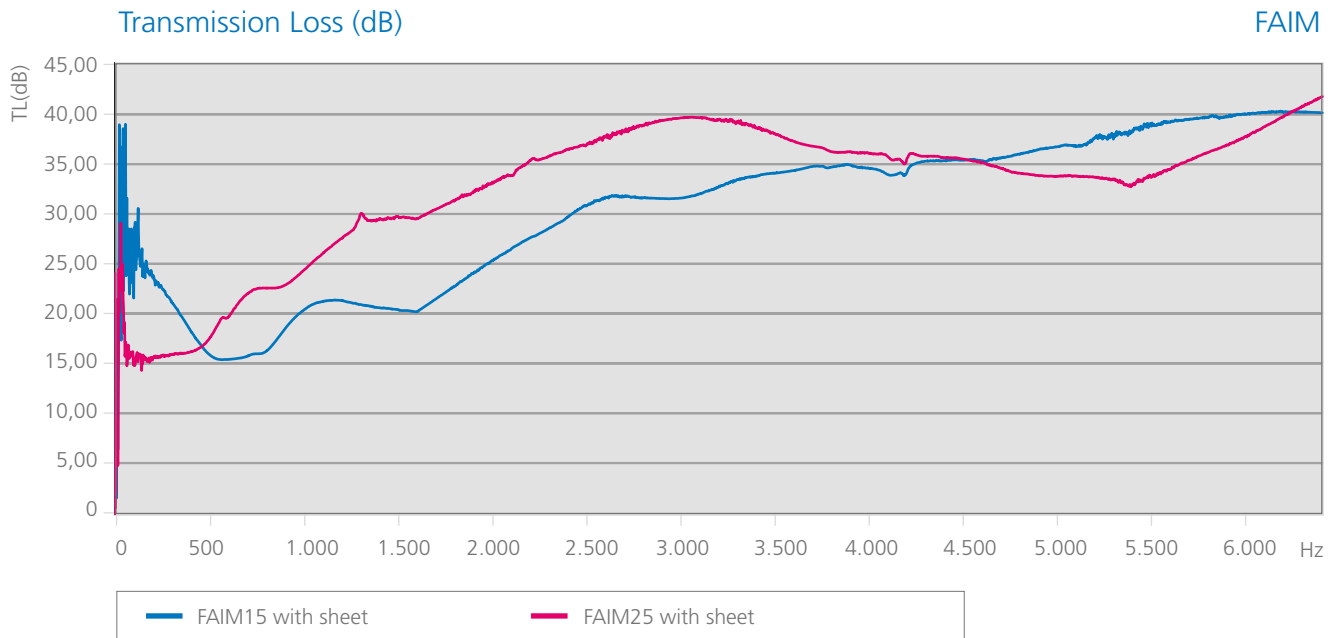
Thicknesses

15 mm. 25 mm.

Formats

1200 x 1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.

Type	Code	SELF-ADHESIVE	R _w (dB)
FAIM-15 sheet	26271	-	22
FAIM-15 A sheet	26273	x	22
FAIM-25 sheet	26272	-	25
FAIM-25 A sheet	26274	x	25



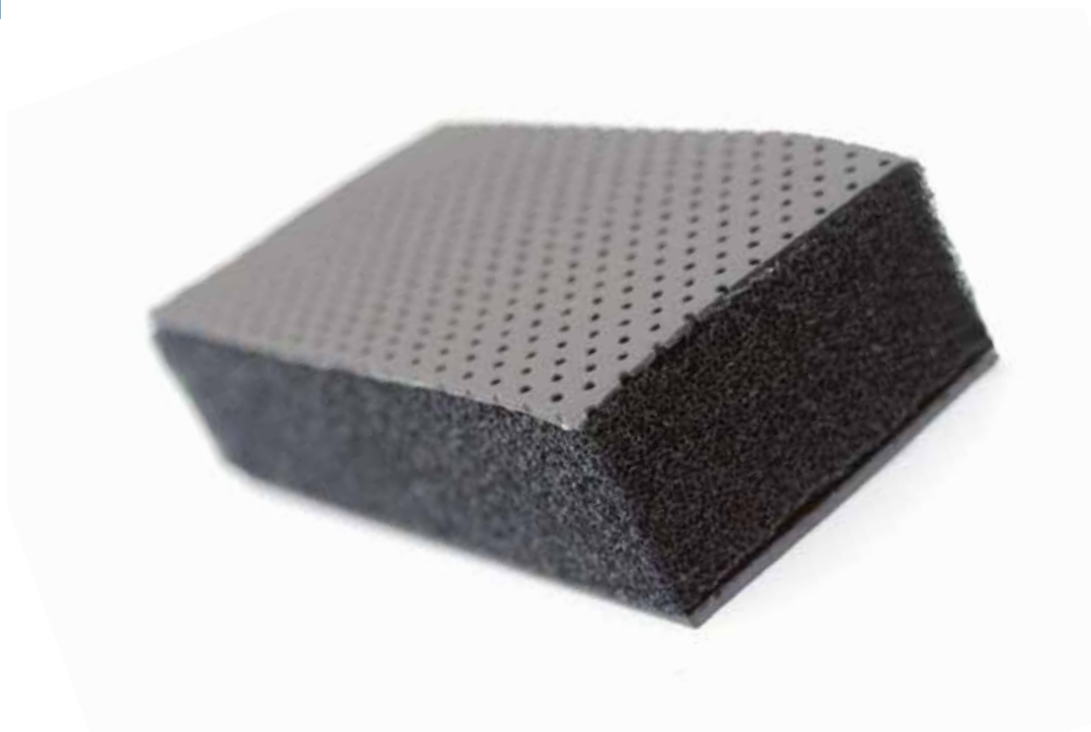
SPECIFICATIONS

FDM

15 mm.

25 mm.

Beige colour
perforated PVC
facing, M-1 class fire-
resistant absorbing
polyurethane foam
and 5 Kg/m² heavy
viscoelastic mass.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Beige colour perforated PVC facing, M-1 class fire-resistant absorbing polyurethane foam and 5 Kg/m² heavy viscoelastic mass.

Applications

Lining interior of soundproof cabins and vehicles, good absorption, absorbent with M-1 class fire-resistant behaviour and damping sheet that increases the mass and dampens vibrations.

Thicknesses

15 mm. 25 mm.

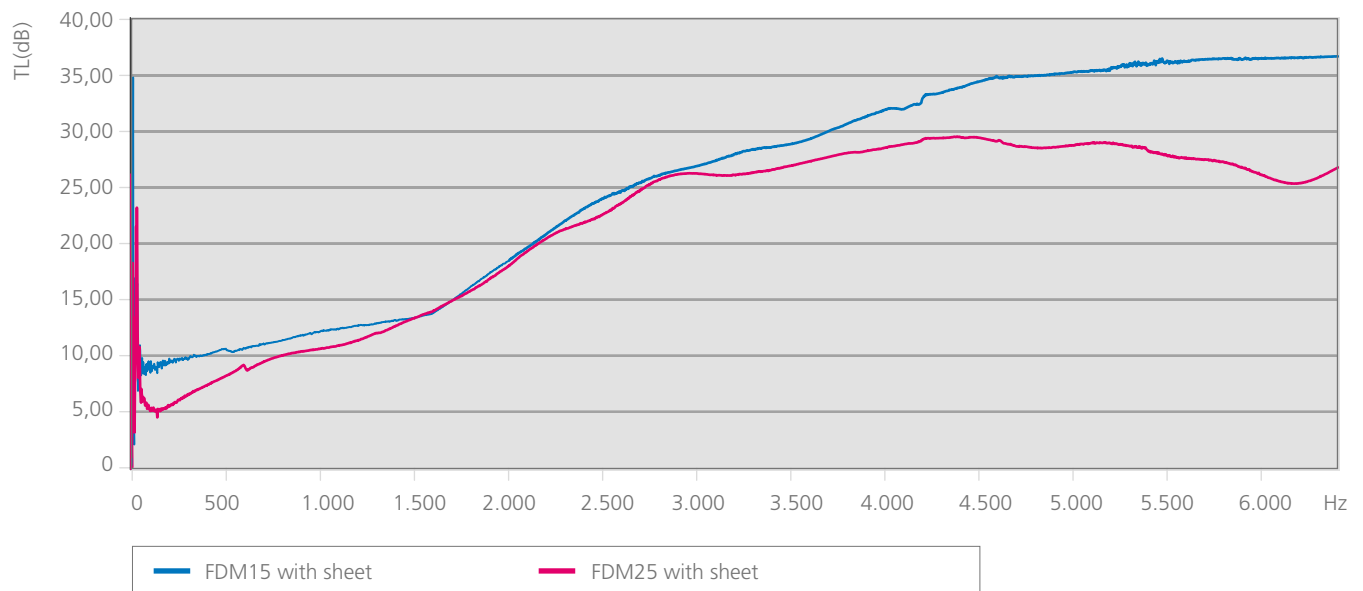
Formats

1200 x 1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.

Type	Code	SELF-ADHESIVE	R _w (dB)
FDM-15 sheet	26281	-	15
FDM-15 A sheet	26283	x	15
FDM-25 sheet	26282	-	13
FDM-25 A sheet	26284	x	13

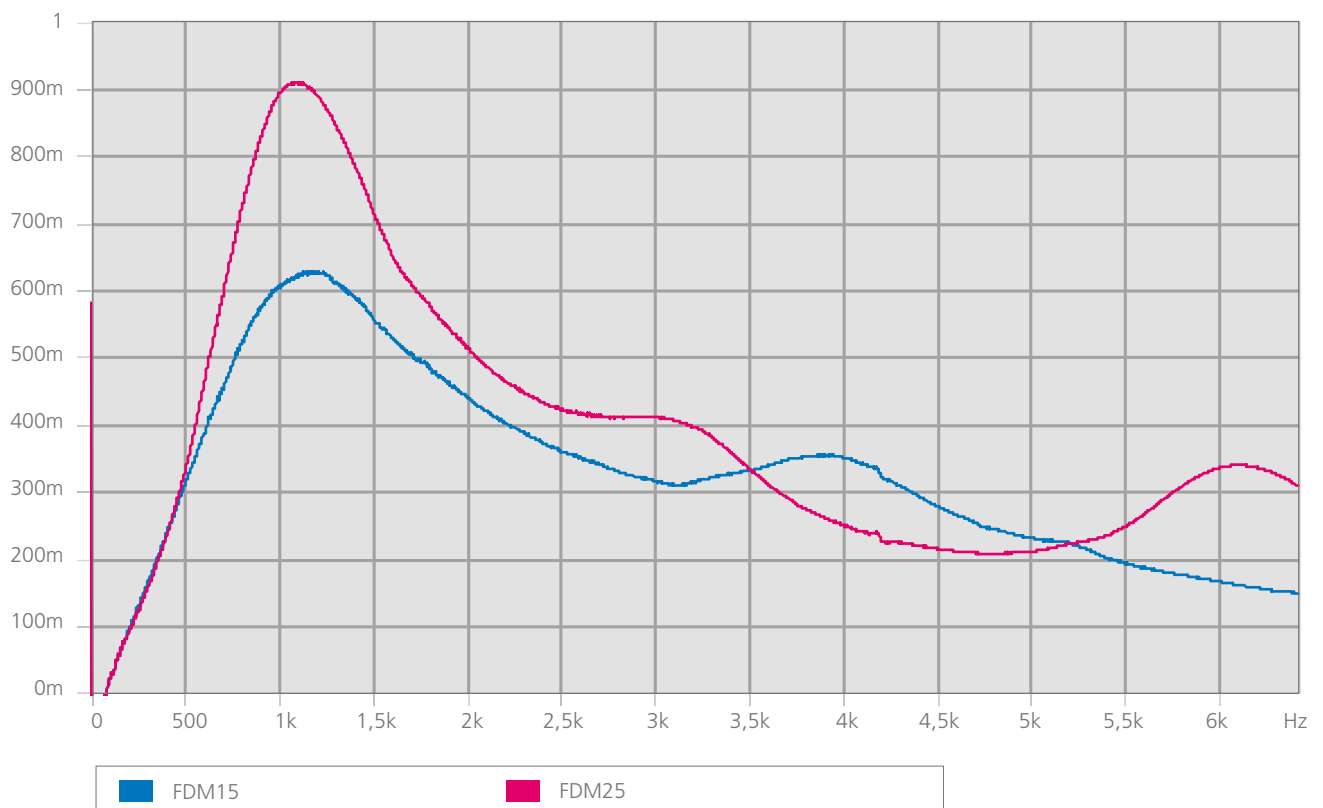
Transmission Loss (dB)

FDM



Absorption coefficient

FDM



SPECIFICATIONS

FIM

15 mm.

25 mm.

Fiberglass facing,
M-1 class fire-
resistant absorbing
polyurethane foam
and 5 Kg/m² heavy
viscoelastic mass.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Fiberglass facing, M-1 class fire-resistant absorbing polyurethane foam and 5 Kg/m² heavy viscoelastic mass.

Applications

Thermal insulation, M-1 class fire-resistant behaviour, good resistance to hydrocarbon damage and not very good acoustic absorber but good absorbing isolator with M-1 class fire-resistant behaviour and damping sheet that increases the mass and dampens vibrations.

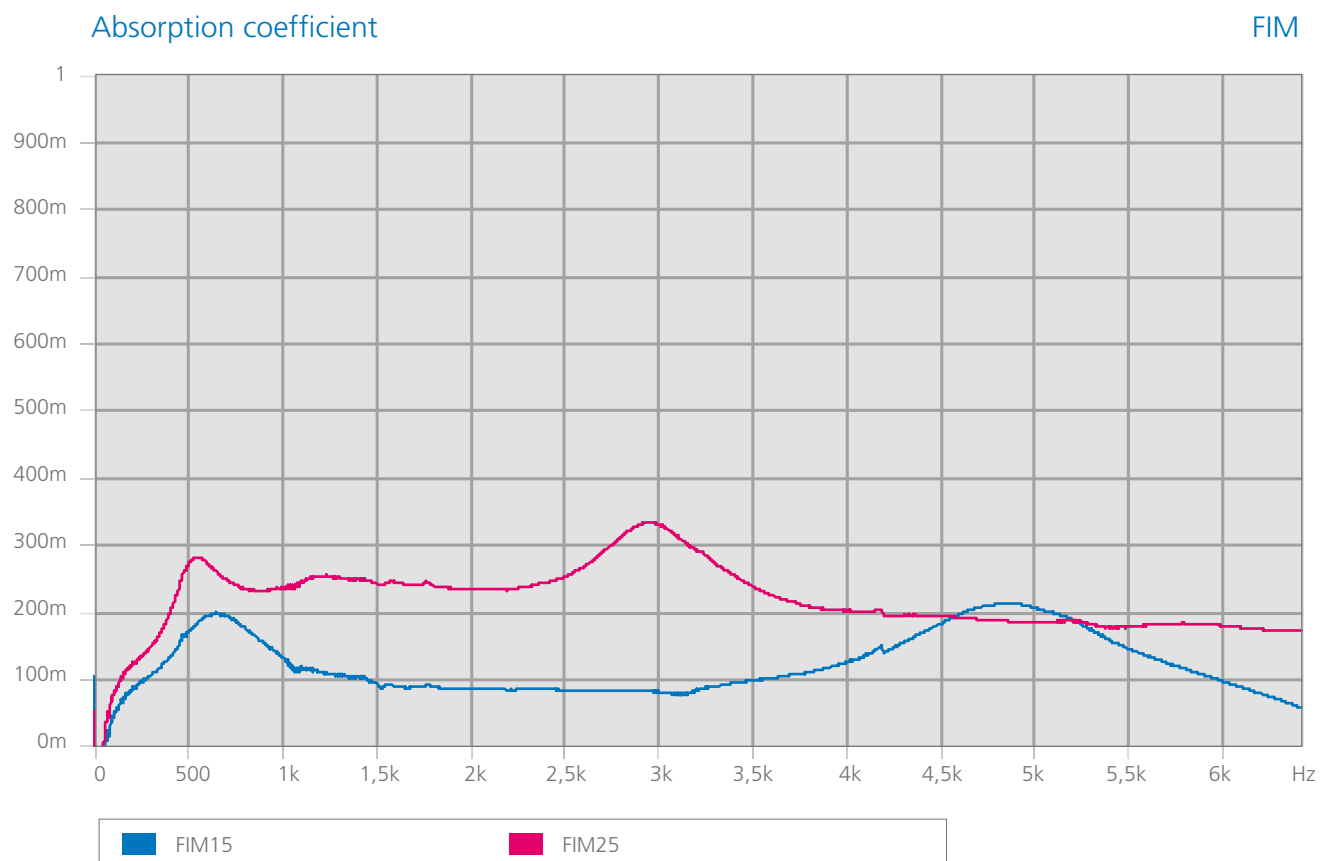
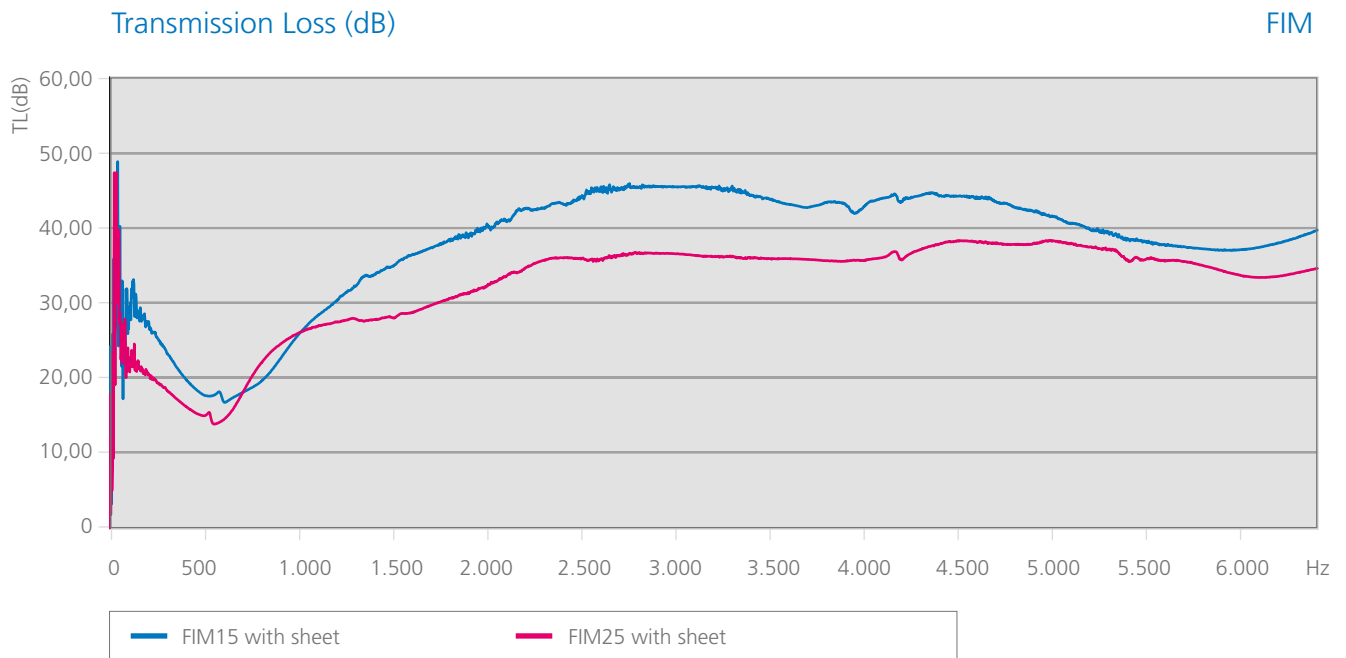
Thicknesses

15 mm. 25 mm.

Formats

1200 x 1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.

Type	Code	SELF-ADHESIVE	R _w (dB)
FIM-15 sheet	26221	-	24
FIM-15 A sheet	26211	x	24
FIM-25 sheet	26225	-	24
FIM-25 A sheet	26215	x	24



SPECIFICATIONS

PAIM

15 mm.

25 mm.

40 mm.

Aluminium facing
with fiberglass
support, absorbing
polyurethane foam
and 5 Kg/m² heavy
viscoelastic mass.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Thermal insulation, M-1 class fire-resistant, good resistance to hydrocarbon damage and not very good acoustic absorber but good isolator and damping sheet that increases the mass and dampens vibrations.

Applications

Aislante térmico, comportamiento M-1 ignífugo, buena resistencia la empape de hidrocarburos y no muy buen absorbente acústico pero sí buen aislante y lámina amortiguante que aumenta la masa y amortigua las vibraciones.

Thicknesses

15 mm. 25 mm. 40 mm.

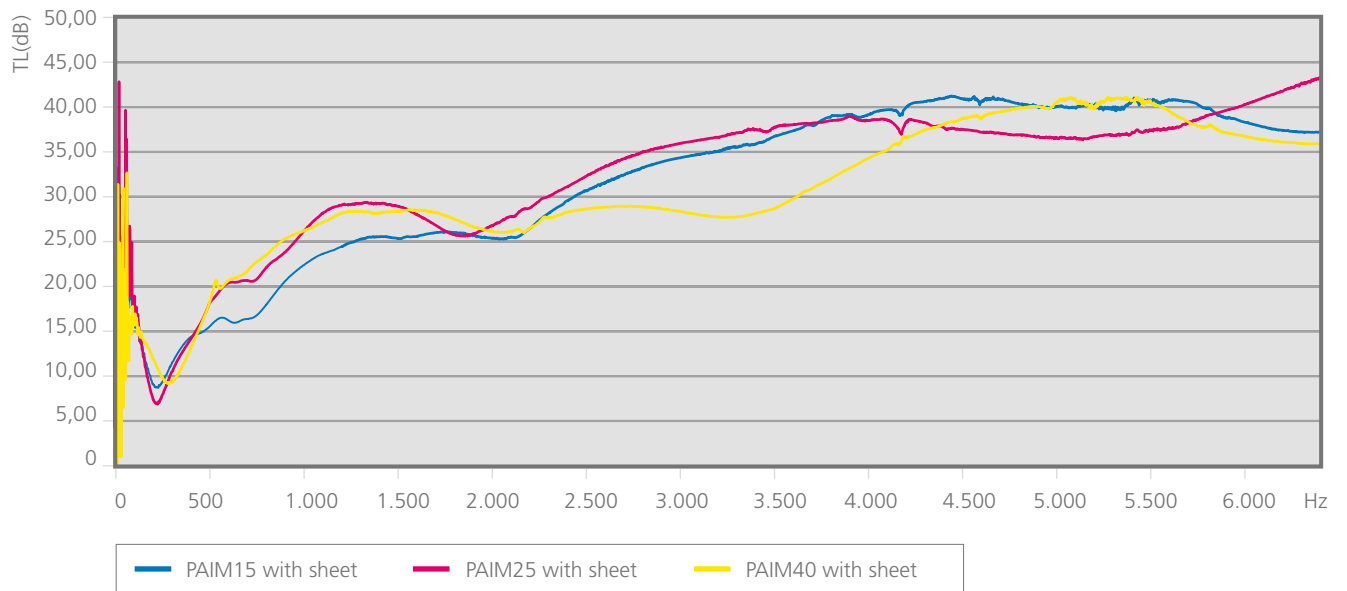
Formats

1200 x 1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.
40 mm. thick, 3 Sheets per box.

Type	Code	SELF-ADHESIVE	R _w (dB)
PAIM-15 sheet	26122	-	20
PAIM-15 A sheet	26116	x	20
PAIM-25 sheet	26123	-	21
PAIM-25 A sheet	26117	x	21
PAIM-40 sheet	26124	-	22
PAIM-40 A sheet	26118	x	22

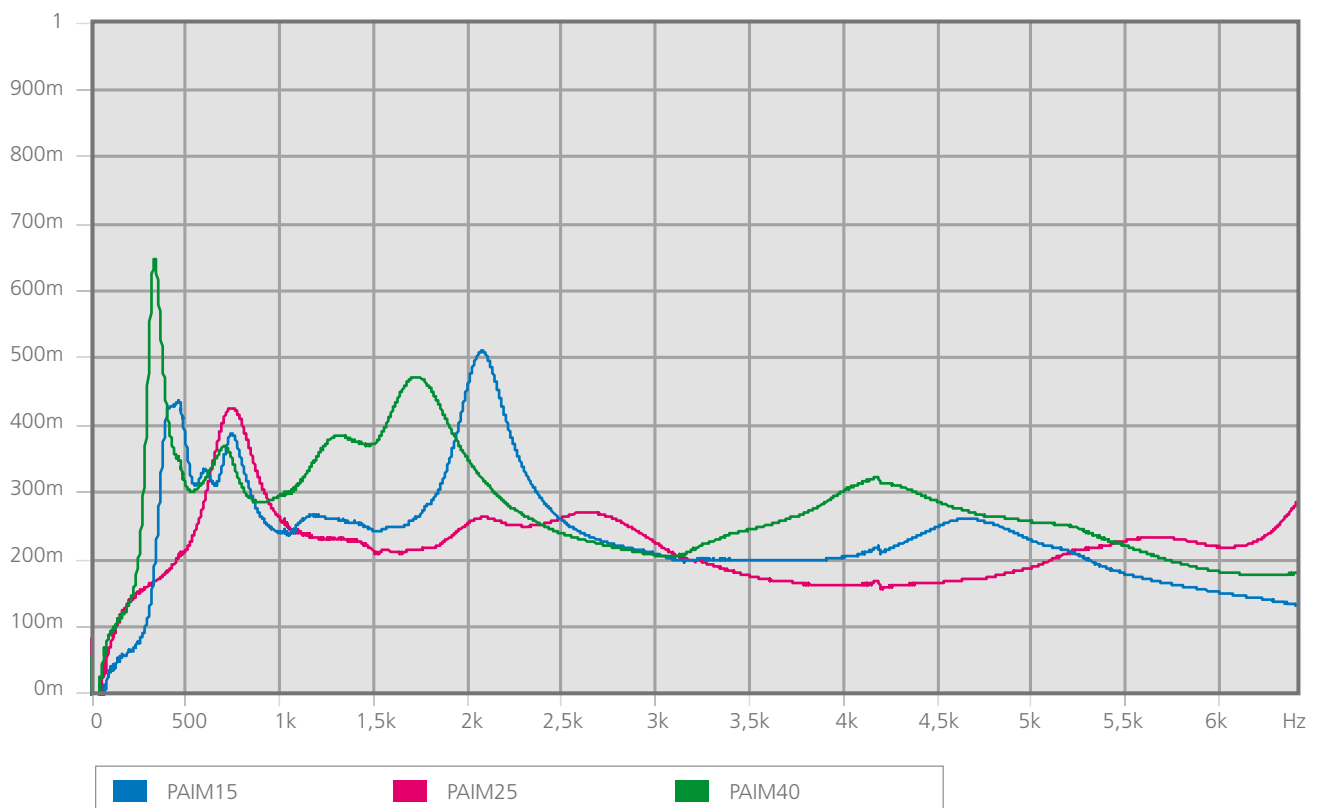
Transmission Loss (dB)

PAIM



Absorption coefficient

PAIM



SPECIFICATIONS

PDM

15 mm.

25 mm.

40 mm.

Beige colour perforated PVC facing, absorbing polyurethane foam and 5 Kg/m² heavy viscoelastic mass.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBECA88.

Composition

Beige colour perforated PVC facing, absorbing polyurethane foam and 5 Kg/m² heavy viscoelastic mass.

Applications

Lining interior of soundproof cabins and vehicles, good absorption, and damping sheet that increases the mass and dampens vibrations.

Thicknesses

15 mm. 25 mm. 40 mm.

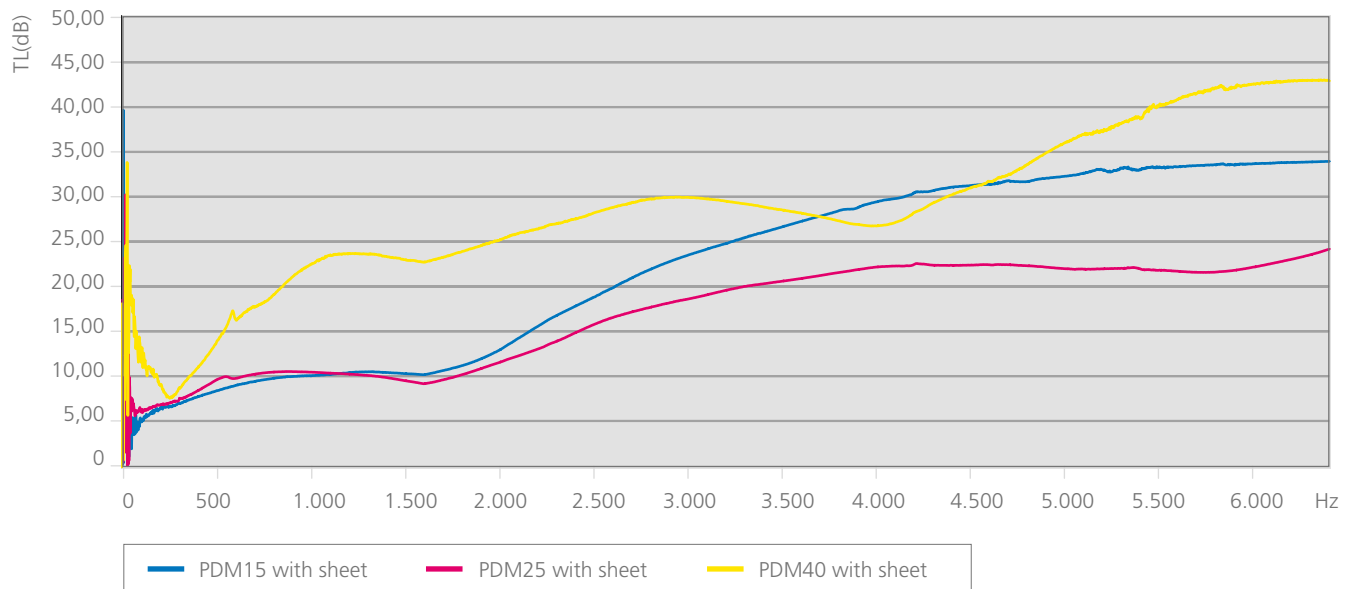
Formats

1200 x 1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.
40 mm. thick, 3 Sheets per box.

Type	Code	SELF-ADHESIVE	R _w (dB)
PDM-15 sheet	26108	-	12
PDM-15 A sheet	26102	x	12
PDM-25 sheet	26110	-	12
PDM-25 A sheet	26104	x	12
PDM-40 sheet	26112	-	20
PDM-40 A sheet	26106	x	20

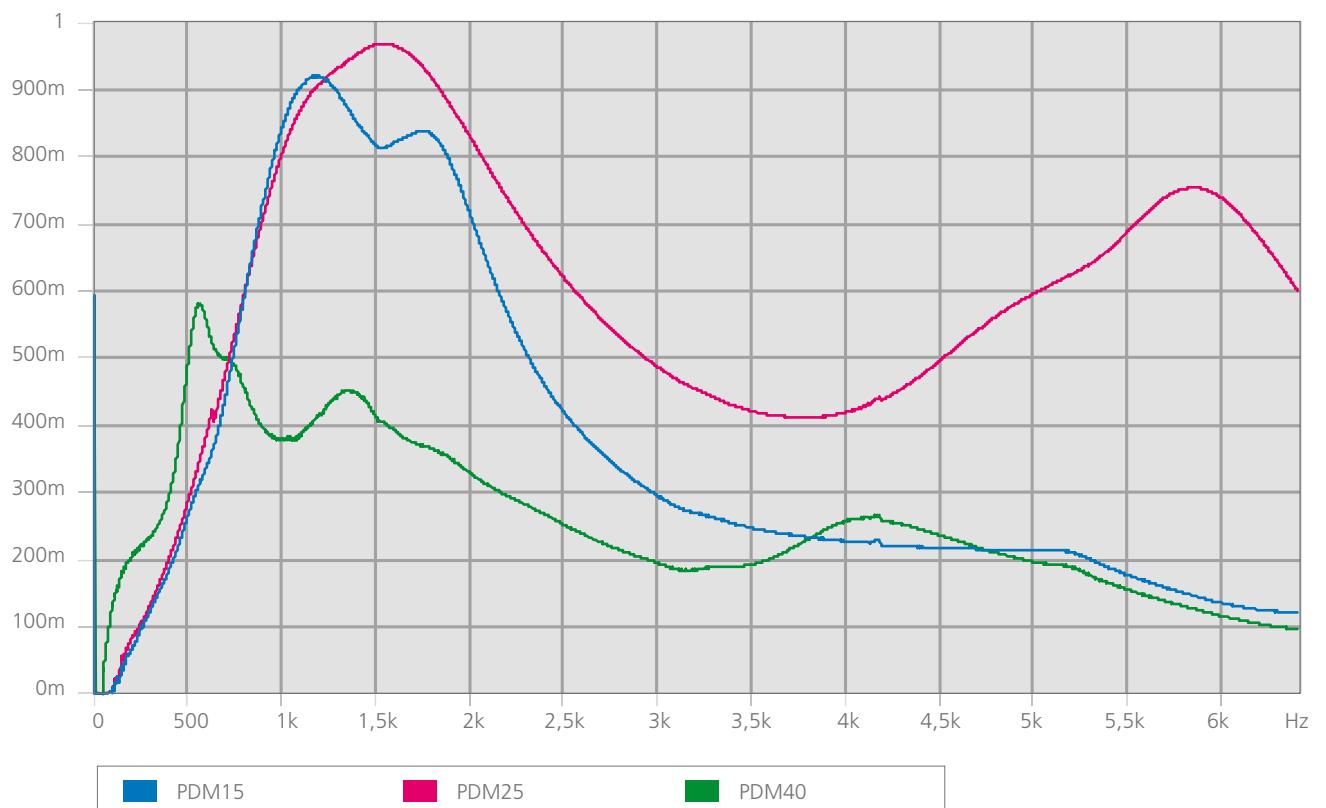
Transmission Loss (dB)

PDM



Absorption coefficient

PDM



SPECIFICATIONS

PFM

15 mm.

25 mm.

40 mm.

Black unwoven film, absorbing polyurethane foam and 5 Kg/m² heavy viscoelastic mass.



Overall air-borne noise isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Black unwoven film, absorbing polyurethane foam and 5 Kg/m² heavy viscoelastic mass.

Applications

Lining interior of soundproof cabins and vehicles, good absorption, and damping sheet that increases the mass and dampens vibrations.

Thicknesses

15 mm. 25 mm. 40 mm.

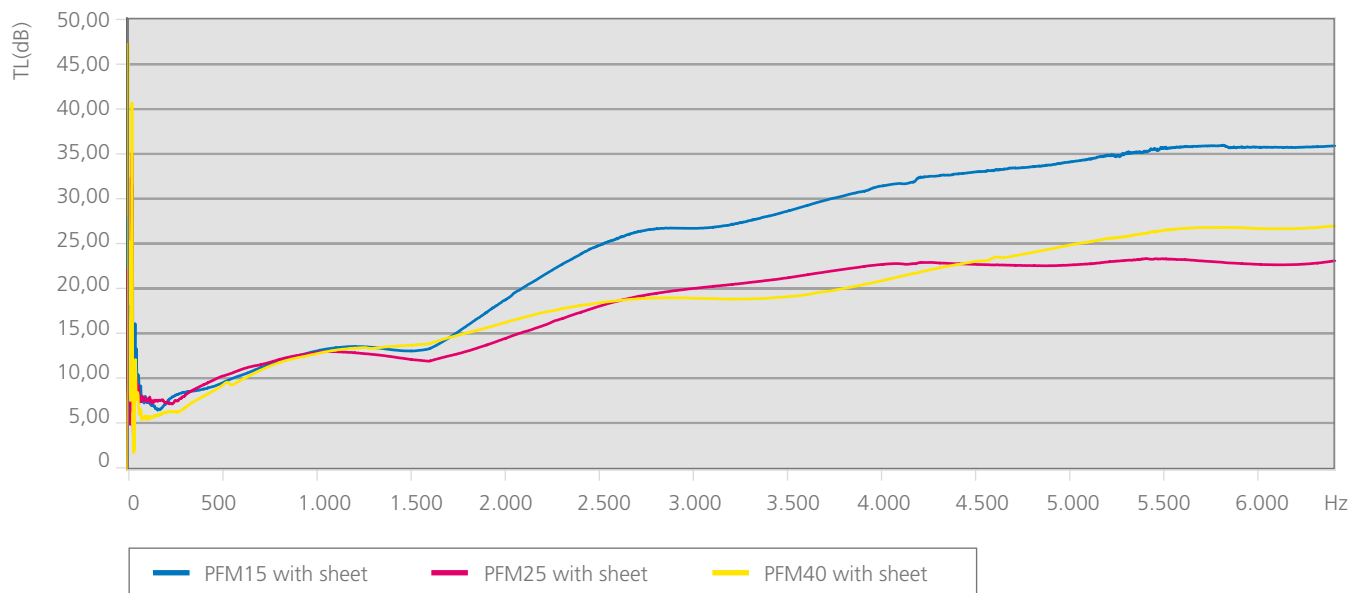
Formats

1200 x 1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.
40 mm. thick, 3 Sheets per box.

Type	Code	SELF-ADHESIVE	R _w (dB)
PFM-15 sheet	26135	-	14
PFM-15 A sheet	26138	x	14
PFM-25 sheet	26136	-	14
PFM-25 A sheet	26139	x	14
PFM-40 sheet	26137	-	14
PFM-40 A sheet	26140	x	14

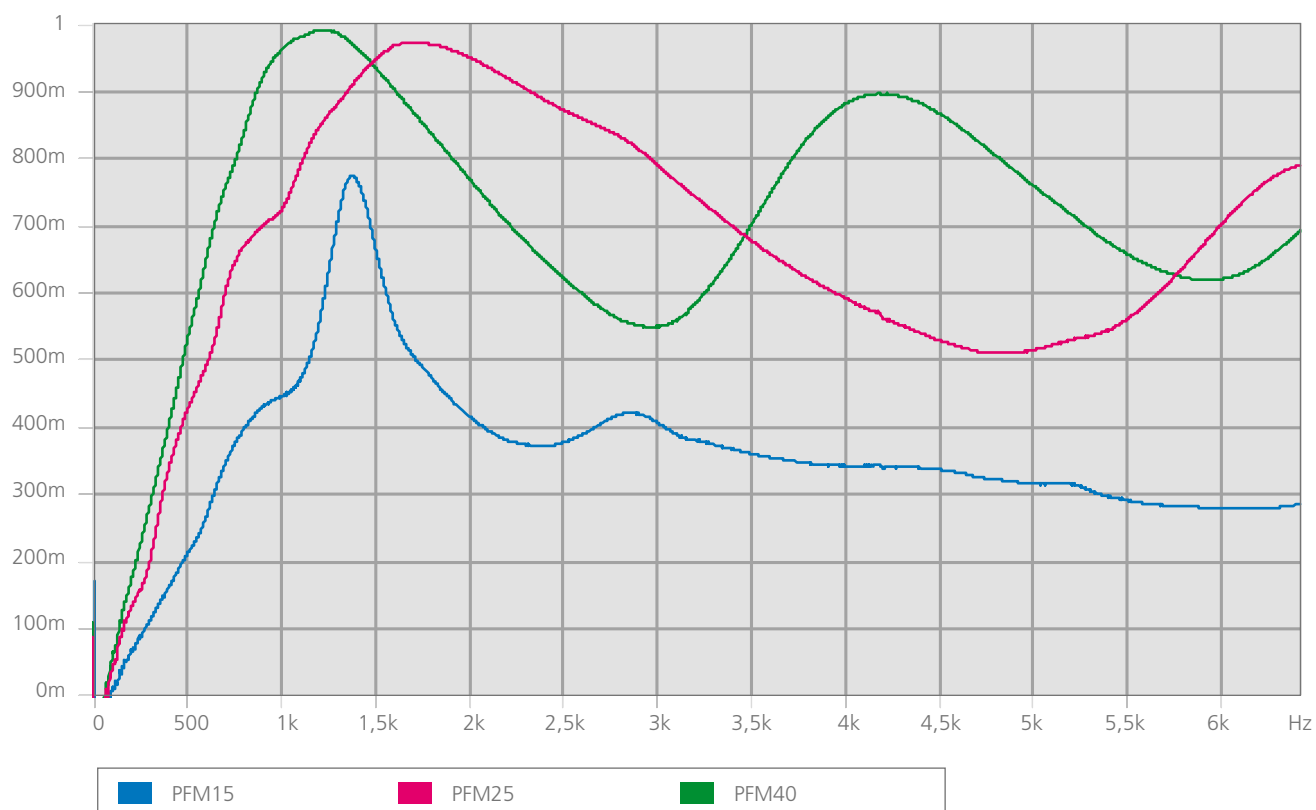
Transmission Loss (dB)

PFM



Absorption coefficient

PFM



SPECIFICATIONS

PIM

15 mm.

25 mm.

40 mm.

Fiberglass facing
and absorbing
polyurethane foam
and 5 Kg/m² heavy
viscoelastic mass.



Overall air-borne noise isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Fiberglass facing and absorbing polyurethane foam and 5 Kg/m² heavy viscoelastic mass.

Applications

Thermal insulation, good resistance to hydrocarbon damage and not very good acoustic absorber but good isolator and damping sheet that increases the mass and dampens vibrations.

Thicknesses

15 mm. 25 mm. 40 mm.

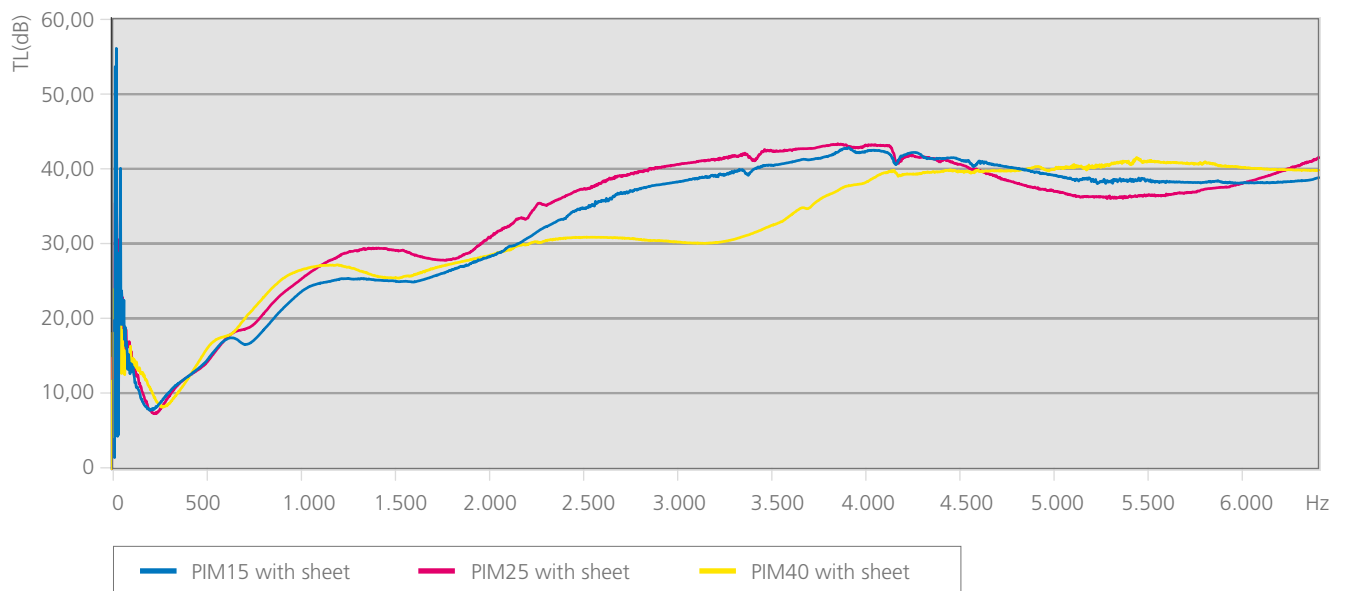
Formats

1200 x 1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.
40 mm. thick, 3 Sheets per box.

Type	Code	SELF-ADHESIVE	R _w (dB)
PIM-15 sheet	26119	-	19
PIM-15 A sheet	26113	x	19
PIM-25 sheet	26120	-	19
PIM-25 A sheet	26114	x	19
PIM-40 sheet	26121	-	21
PIM-40 A sheet	26115	x	21

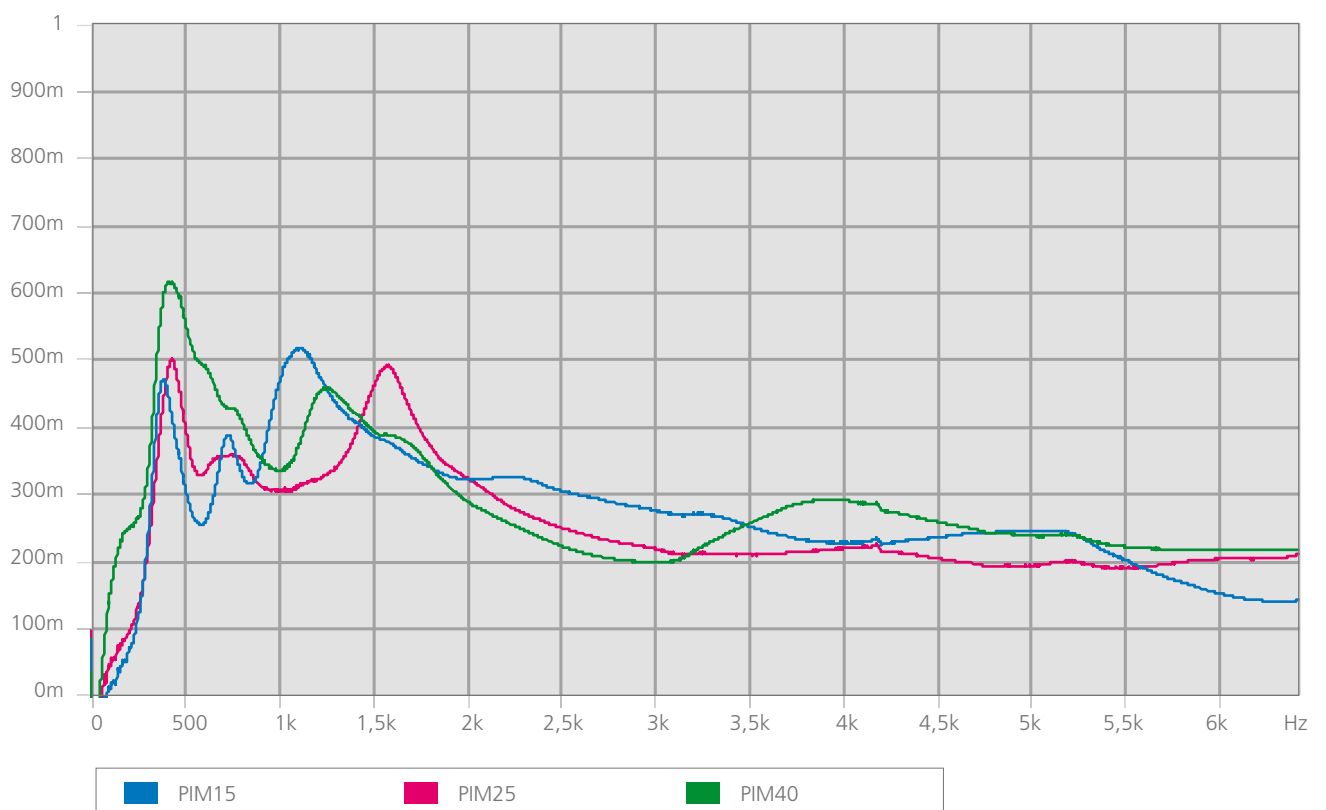
Transmission Loss (dB)

PIM



Absorption coefficient

PIM



SPECIFICATIONS

PSM

15 mm.

25 mm.

40 mm.

Black PU film,
absorbing
polyurethane foam
and 5 Kg/m² heavy
viscoelastic mass.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Black PU film, absorbing polyurethane foam and 5 Kg/m² heavy viscoelastic mass.

Applications

Absorbent lining of soundproof cabins or vehicles where the danger of hydrocarbons or water coming in contact with the absorbent material exists and damping sheet that increases the mass and dampens vibrations.

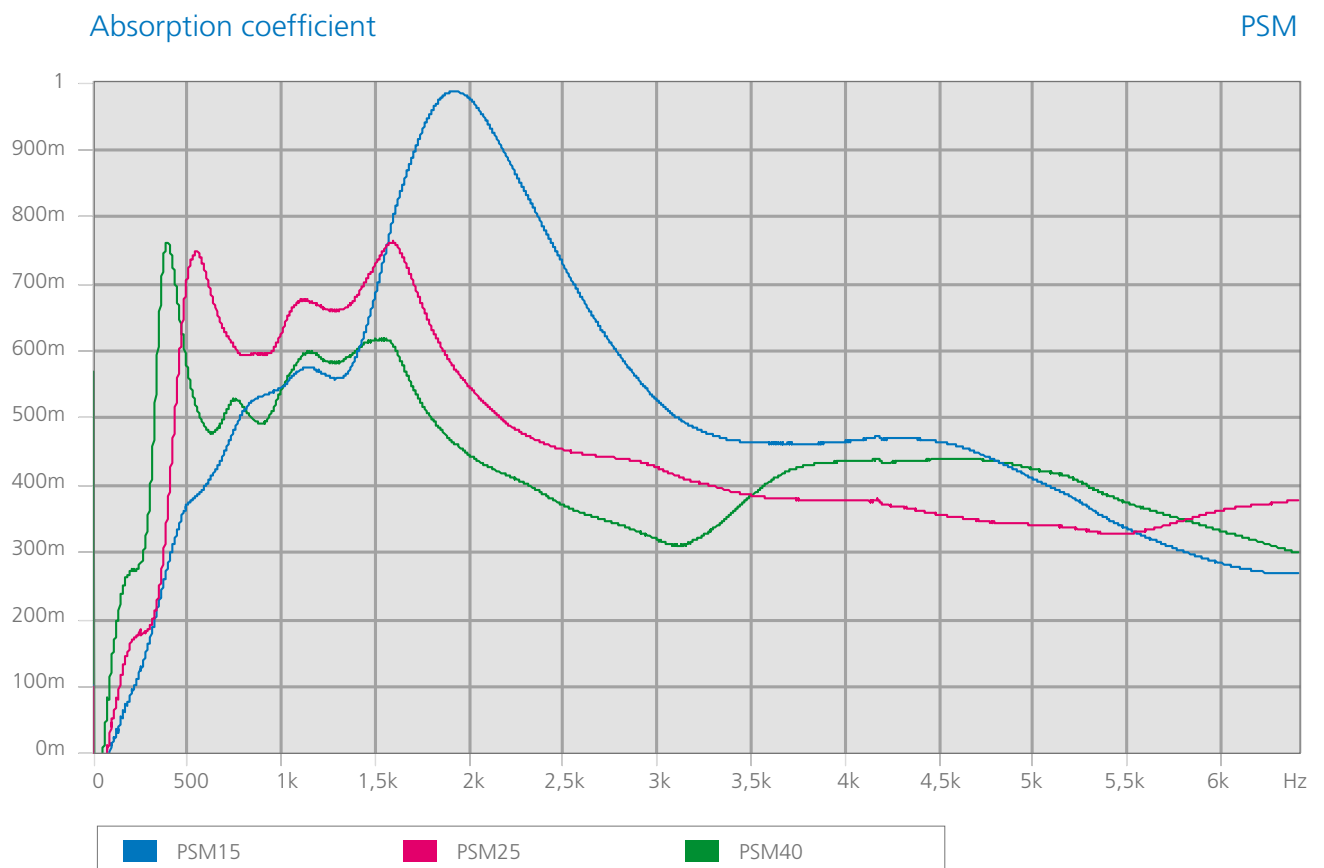
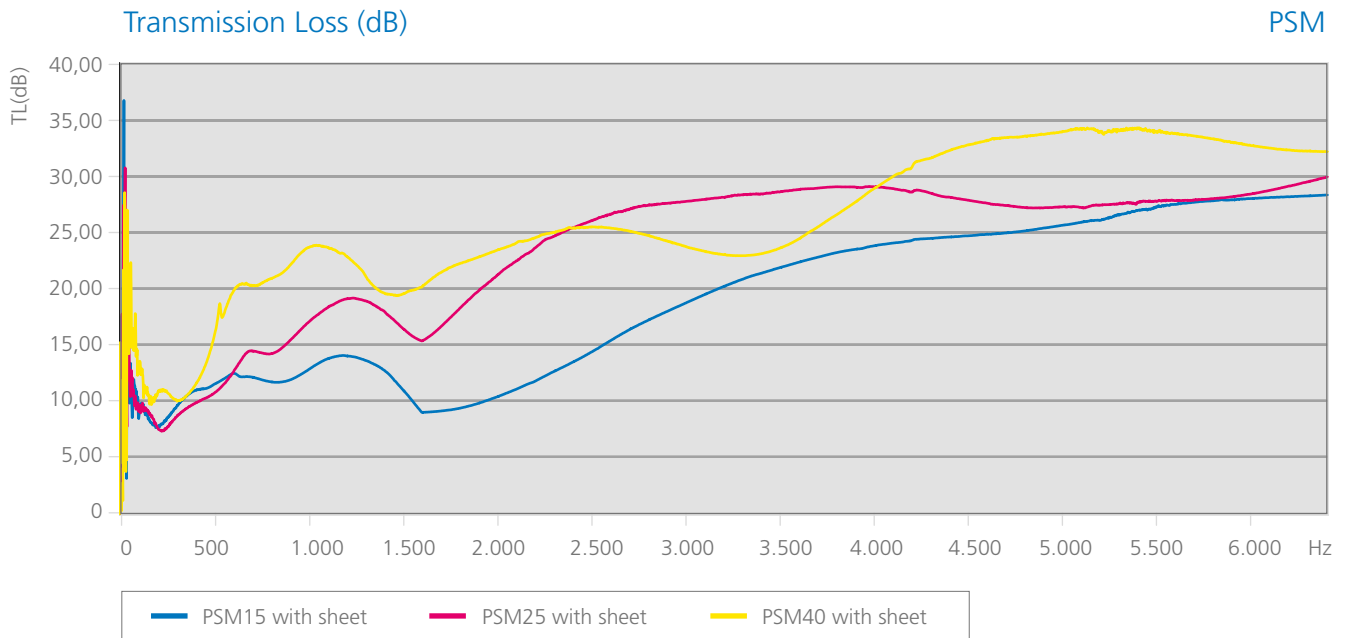
Thicknesses

15 mm. 25 mm. 40 mm.

Formats

1200 x 1000 mm. Sheets.
15 mm. thick, 8 Sheets per box.
25 mm. thick, 5 Sheets per box.
40 mm. thick, 3 Sheets per box.

Type	Code	SELF-ADHESIVE	R _w (dB)
PSM-15 sheet	26107	-	14
PSM-15 A sheet	26101	x	14
PSM-25 sheet	26109	-	17
PSM-25 A sheet	26103	x	17
PSM-40 sheet	26111	-	20
PSM-40 A sheet	26105	x	20

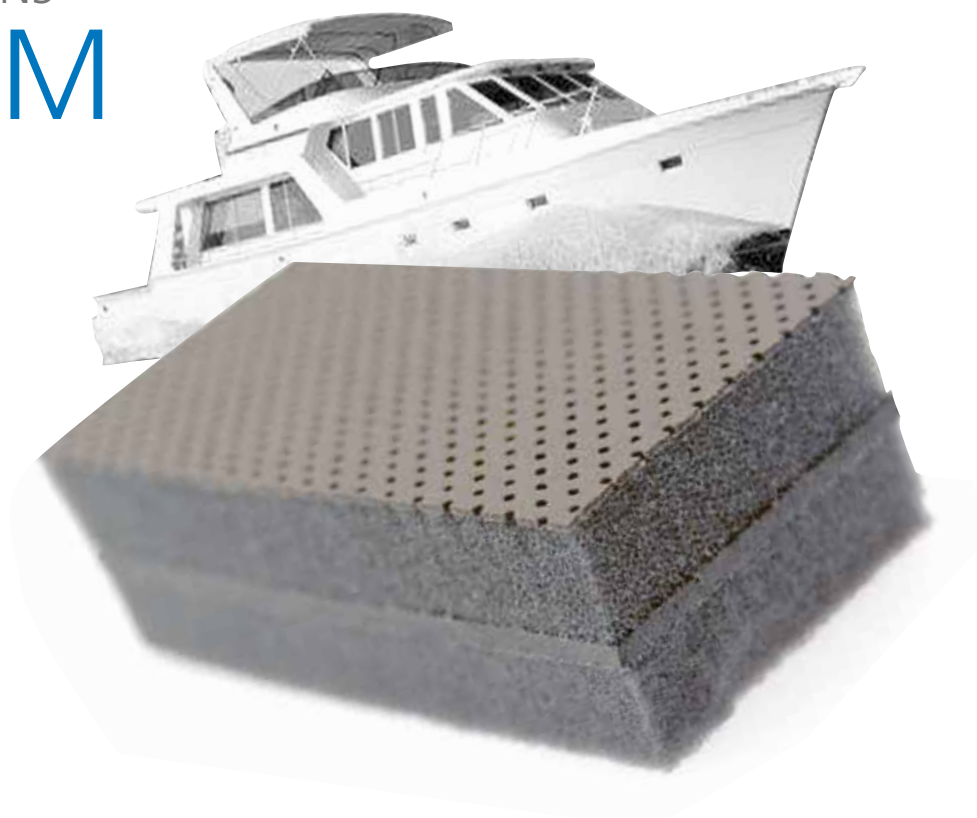


SPECIFICATIONS

PD30M

30 mm.

Beige perforated
PVC facing,
absorbing
polyurethane foam
and 5 Kg/m² heavy
viscoelastic mass
inserted within.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBECA88.

Composition

Beige perforated PVC facing, absorbing polyurethane foam and 5 Kg/m² heavy viscoelastic mass inserted within.

Applications

Lining interior of yacht engine rooms or sport crafts, good absorption and damping sheet that increases the mass and dampens vibrations.

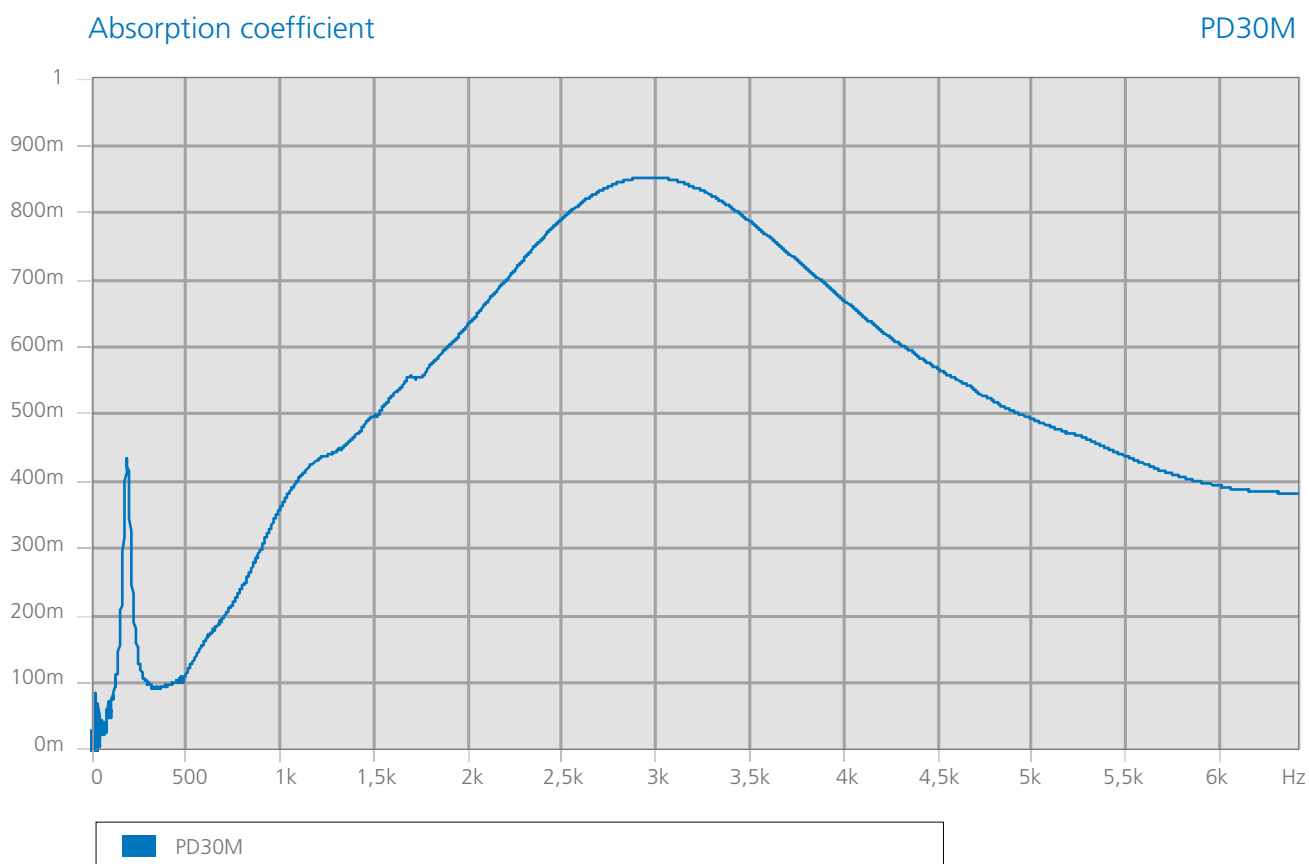
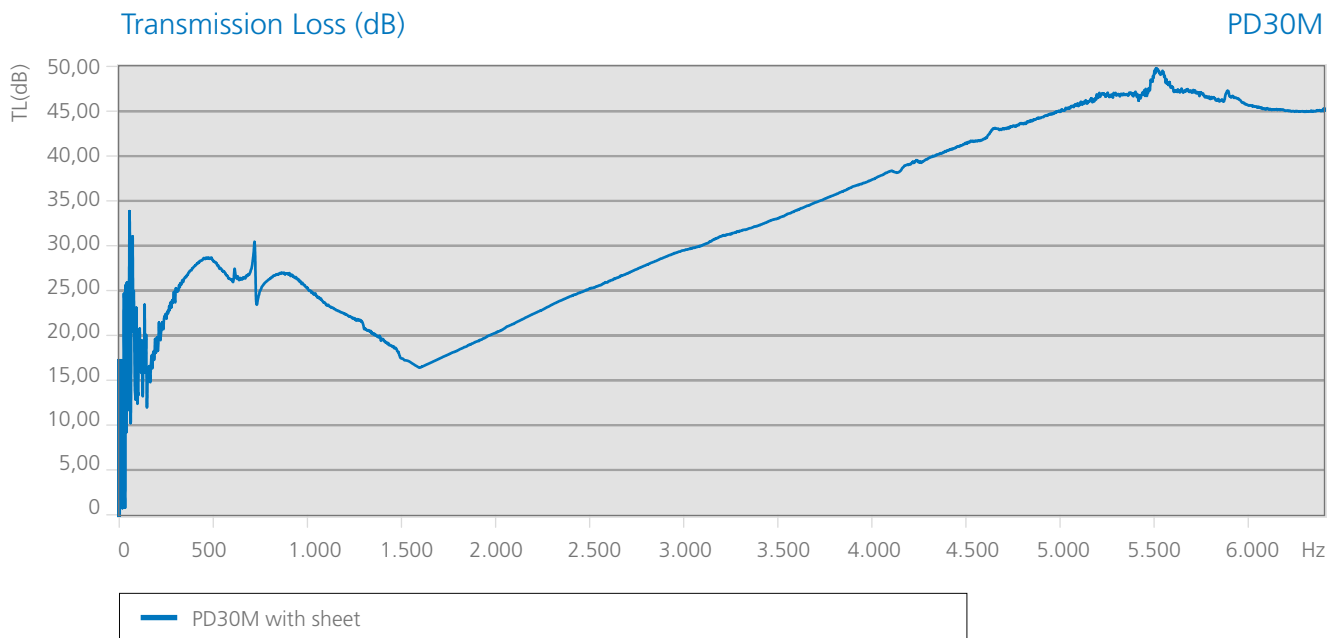
Thicknesses

30 mm.

Formats

1200 x 1000 mm. Sheets.
30 mm. thick, 4 sheets per box.

Type	Code	SELF-ADHESIVE	R _w (dB)
PD30M	26046	-	27



SPECIFICATIONS

FAI30M

30 mm.

Aluminium facing with fiberglass support, M-1 class fire-resistant absorbing polyurethane foam and 5 Kg/m² heavy viscoelastic mass inserted within.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Aluminium facing with fiberglass support, M-1 class fire-resistant absorbing polyurethane foam and 5 Kg/m² heavy viscoelastic mass inserted within.

Applications

Thermal insulation, M-1 class fire-resistant behaviour, good resistance to hydrocarbon damage and not very good acoustic absorber but good isolator and damping sheet that increases the mass and dampens vibrations in nautical applications.

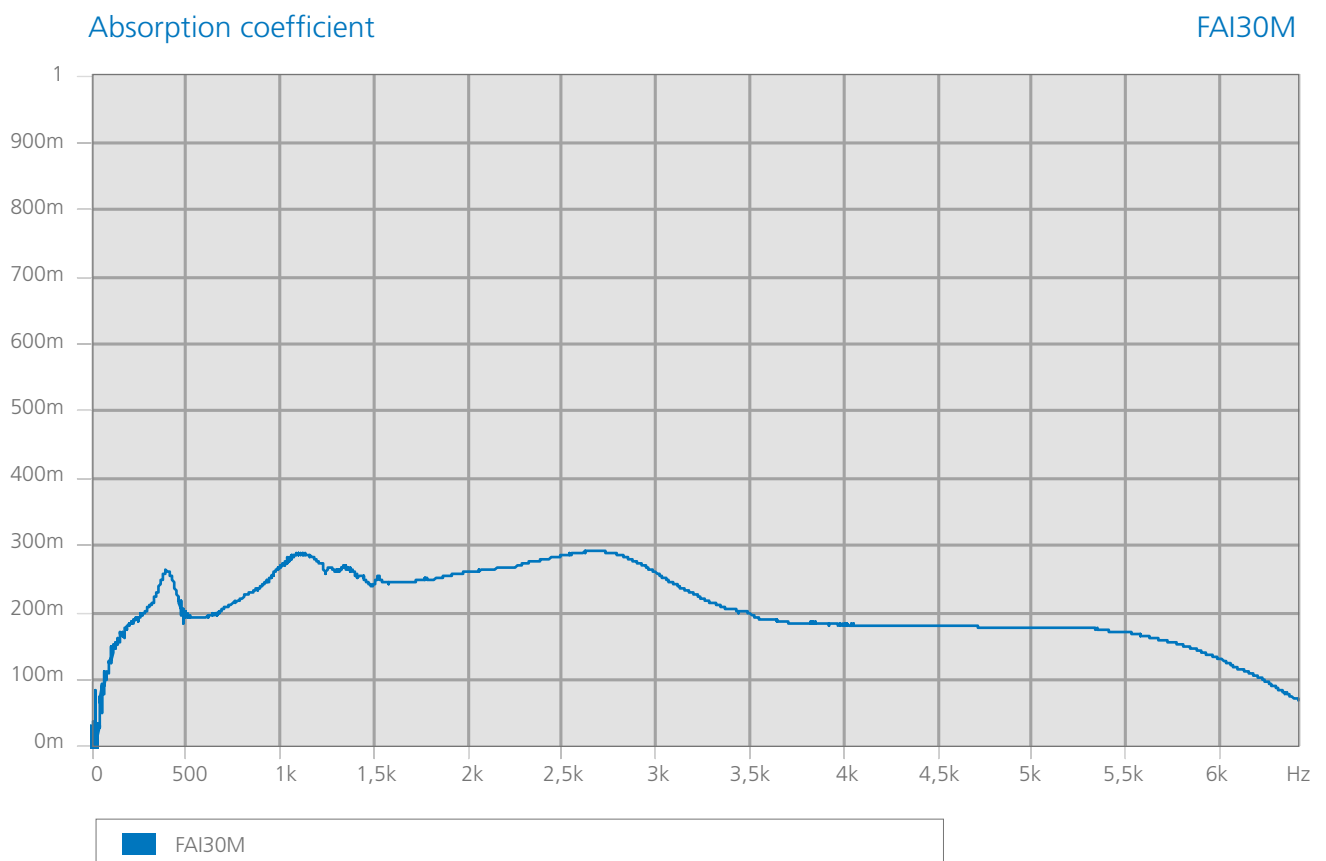
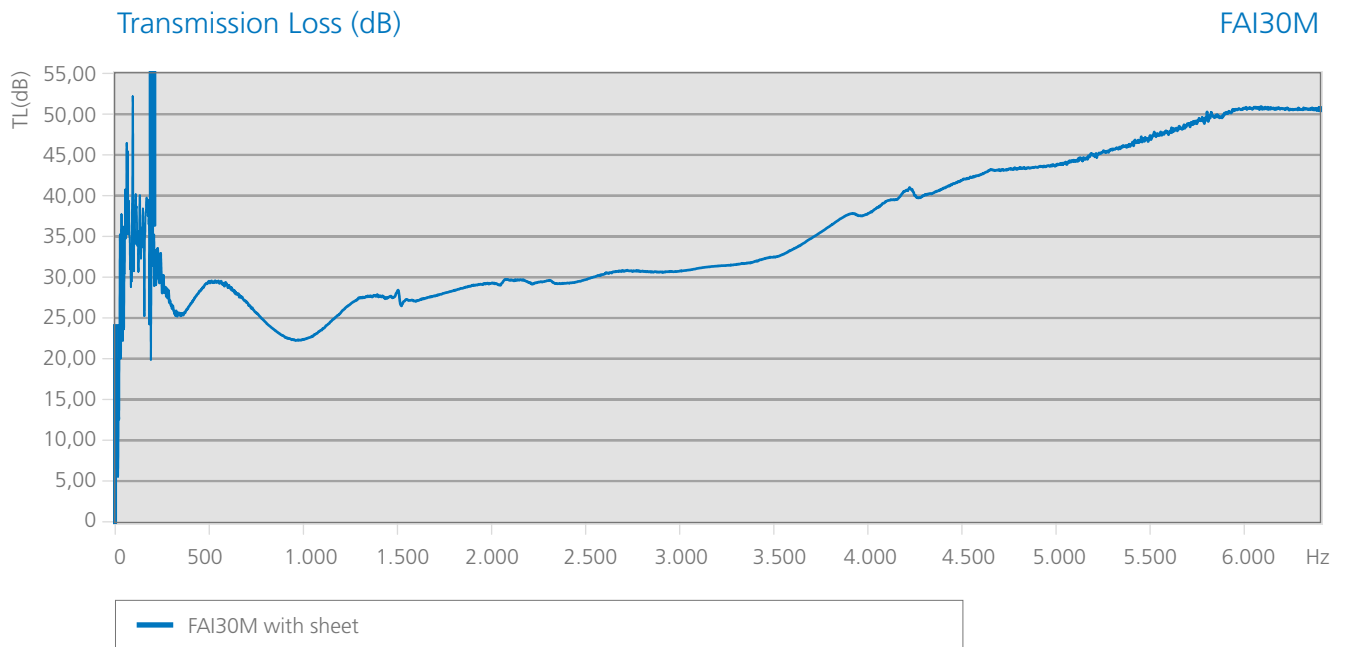
Thicknesses

30 mm.

Formats

1200 x 1000 mm. Sheets.
30 mm. thick, 4 sheets per box.

Tipo	Código	AUTO-ADHESIVO	R _w (dB)
FAI30M	26275	-	29



SPECIFICATIONS

PT

30 mm.

50 mm.

Self-extinguishable
polyurethane
honeycomb foam.



Overall air-borne noise isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBECA88.

Composition

Self-extinguishable polyurethane honeycomb foam.

Applications

Thermal insulation applications, good acoustic absorber and decorative.

Thicknesses

30 mm. 50 mm.

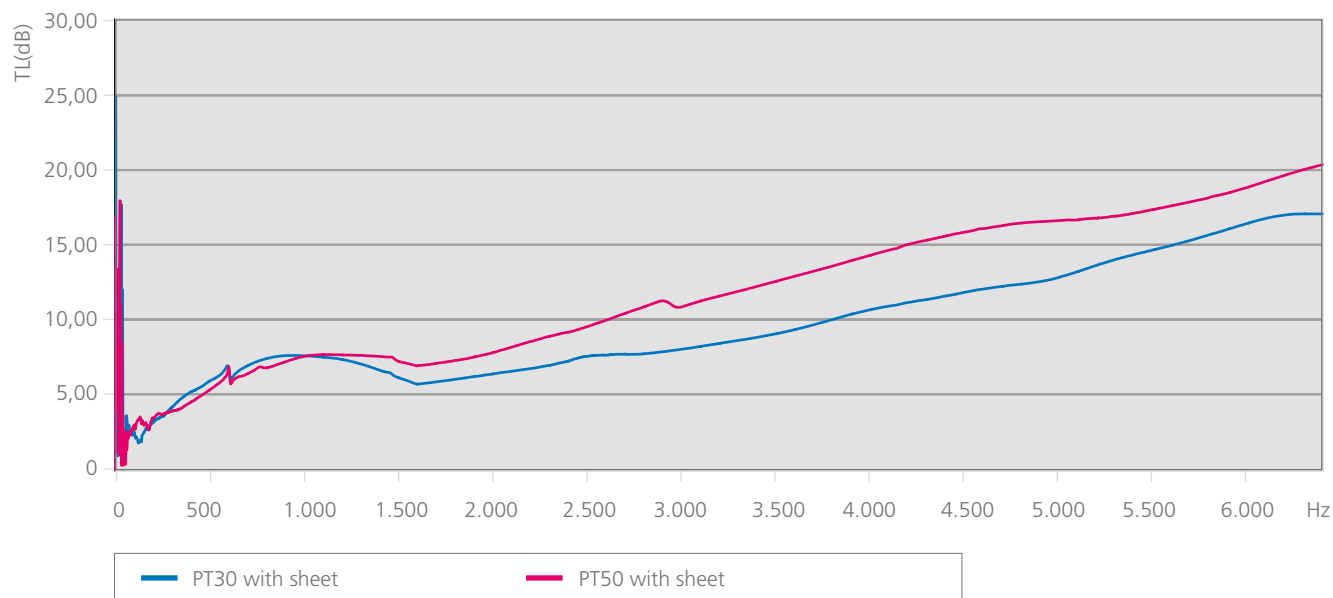
Formats

2000 x 1000 mm. Sheets.
30 mm. thick, packages of 40 m².
50 mm. thick, packages of 20 m².

Tipo	Código	AUTO-ADHESIVO	R _w (dB)
PT-30	26301	-	8
PT-30 A	26302	x	8
PT-50	26311	-	8
PT-50 A	26312	x	8

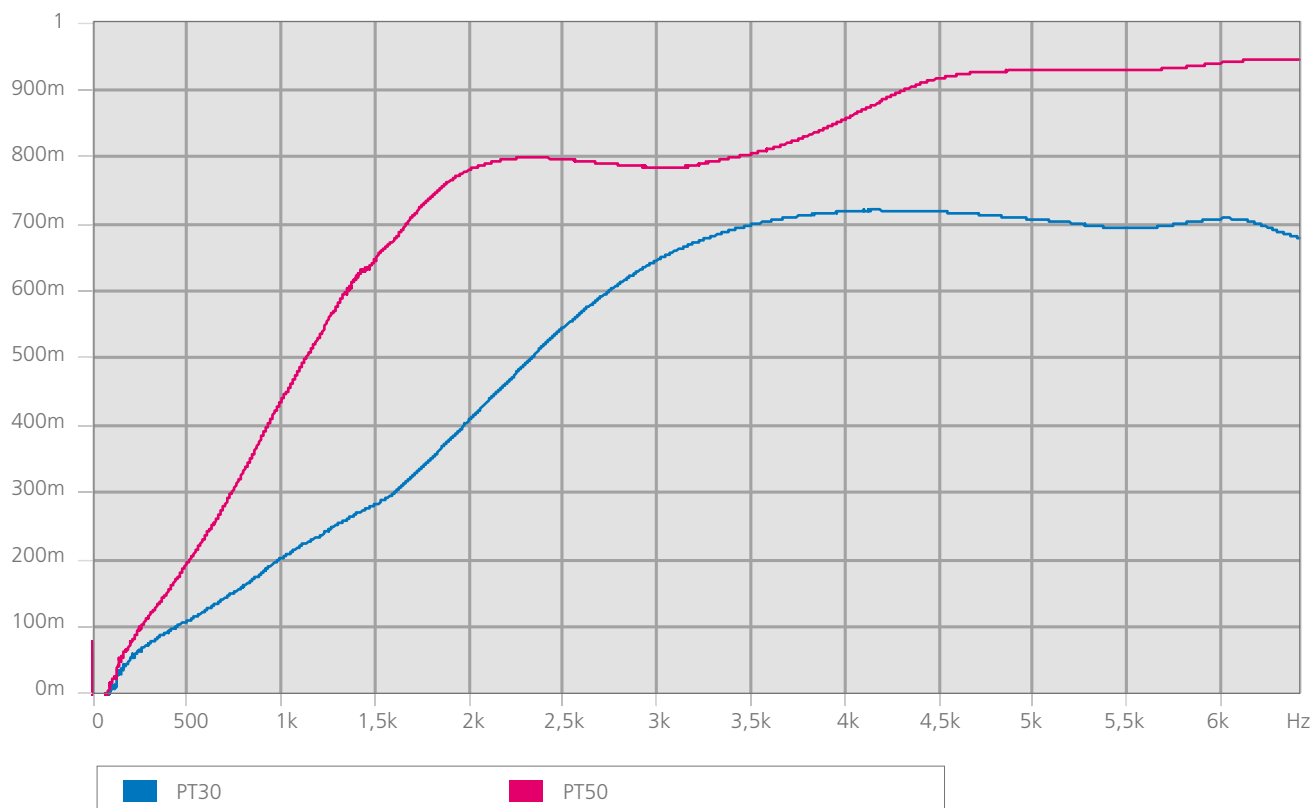
Transmission Loss (dB)

PT



Absorption coefficient

PT



SPECIFICATIONS

PT FIRE-RESISTANT

30 mm.

50 mm.

M-1 class fire-resistant melamine honeycomb foam.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBECA88.

Composition

M-1 class fire-resistant melamine honeycomb foam.

Applications

Thermal insulation, M-1 class fire-resistant behaviour, very good acoustic absorber and decorative.

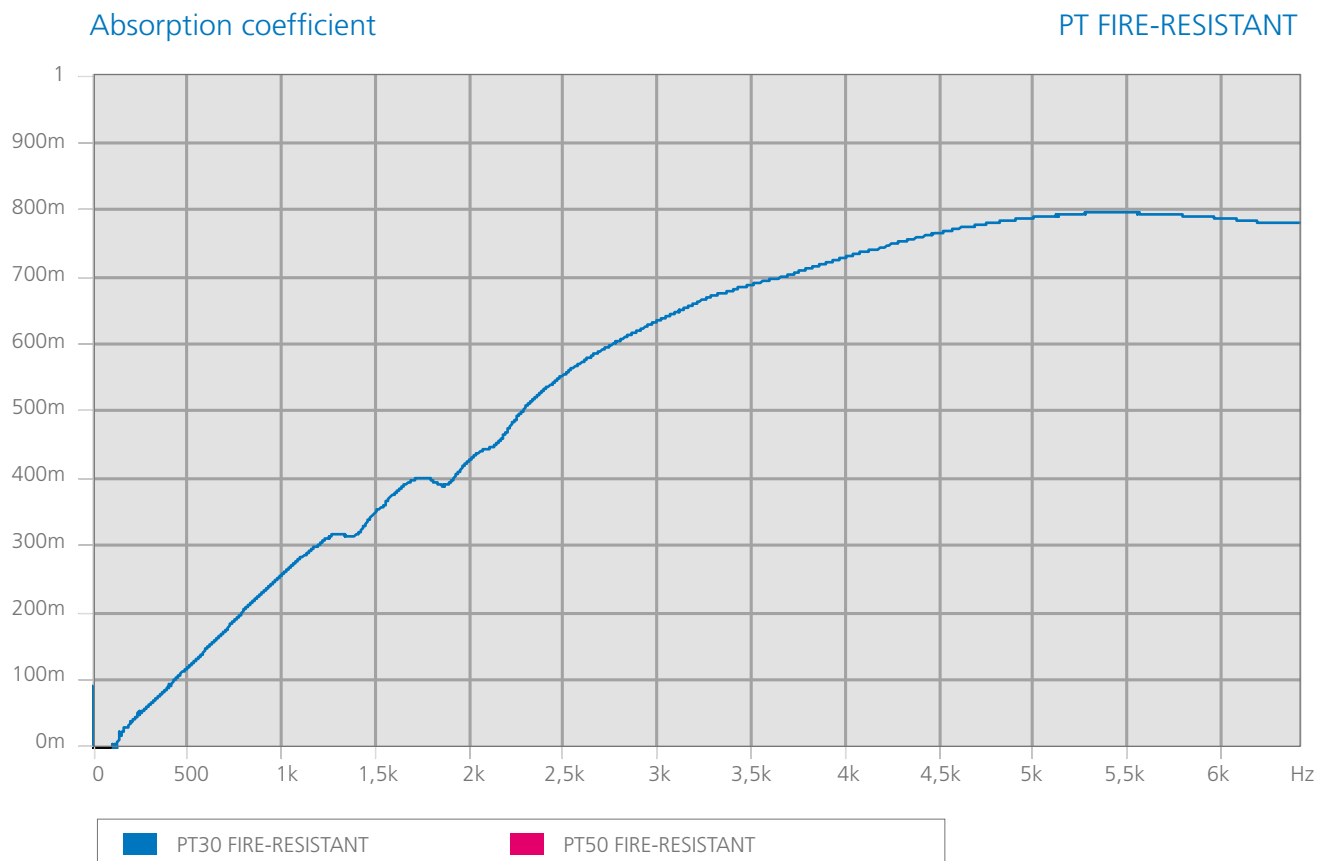
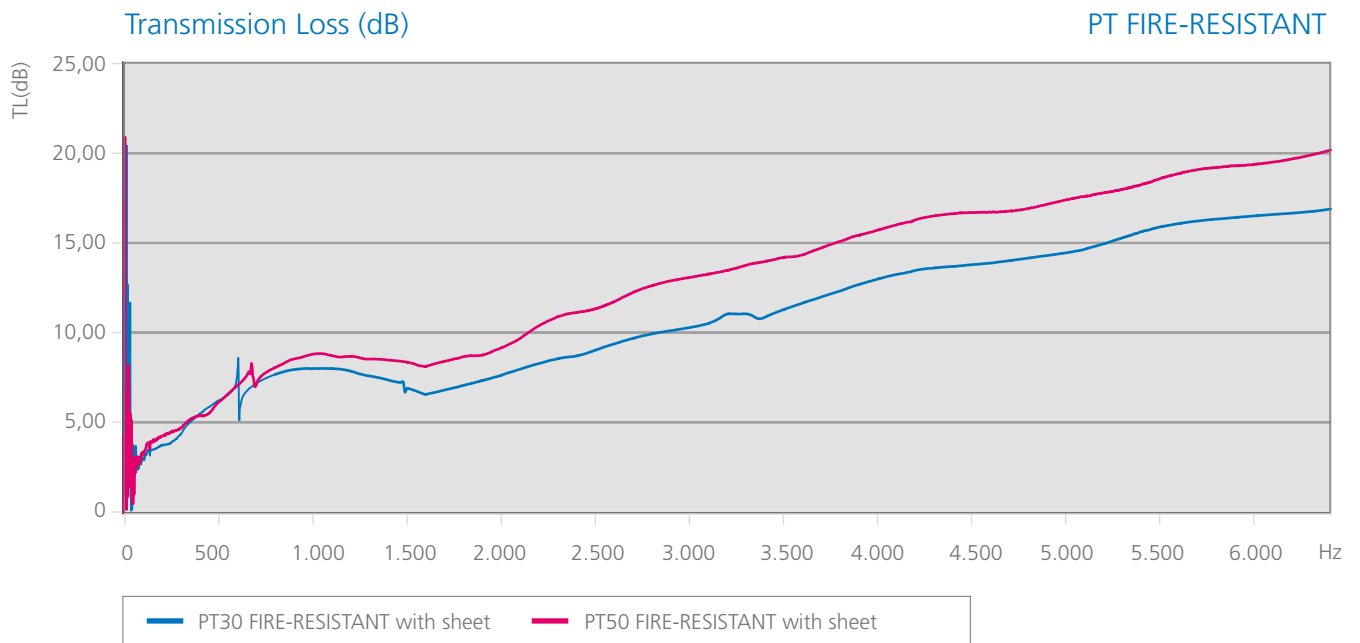
Thicknesses

30 mm. 50 mm.

Formats

1200 x 600 mm. Sheets.

Tipo	Código	AUTO-ADHESIVO	R _w (dB)
PT-FIRE-RESISTANT B/30	26351	-	9
PT-FIRE-RESISTANT B/50	26352	-	10
PT-FIRE-RESISTANT B/30	26354	x	9
PT-FIRE-RESISTANT B/50	26353	x	10



SPECIFICATIONS

PT FIREABSORBER

30 mm.

50 mm.

Mousse de
polyuréthane
absorbante
ignifuge M-1.



Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

M1 Fire resistant Polyurethane foam for absorption purpose.

Applications

Specially interesting for those applications where fire resistance, high noise absorption coefficient, thermal insulation and good tear resistance is required.

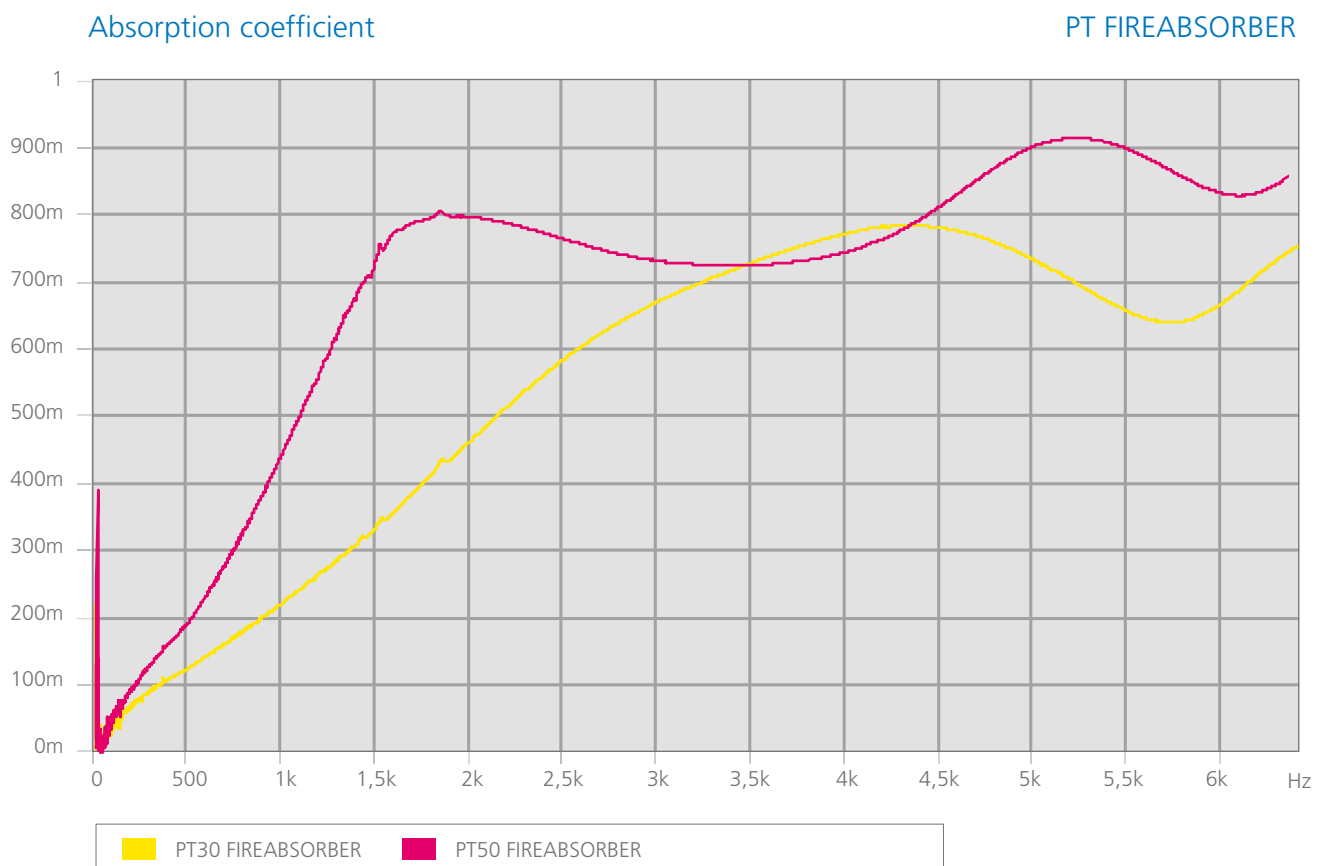
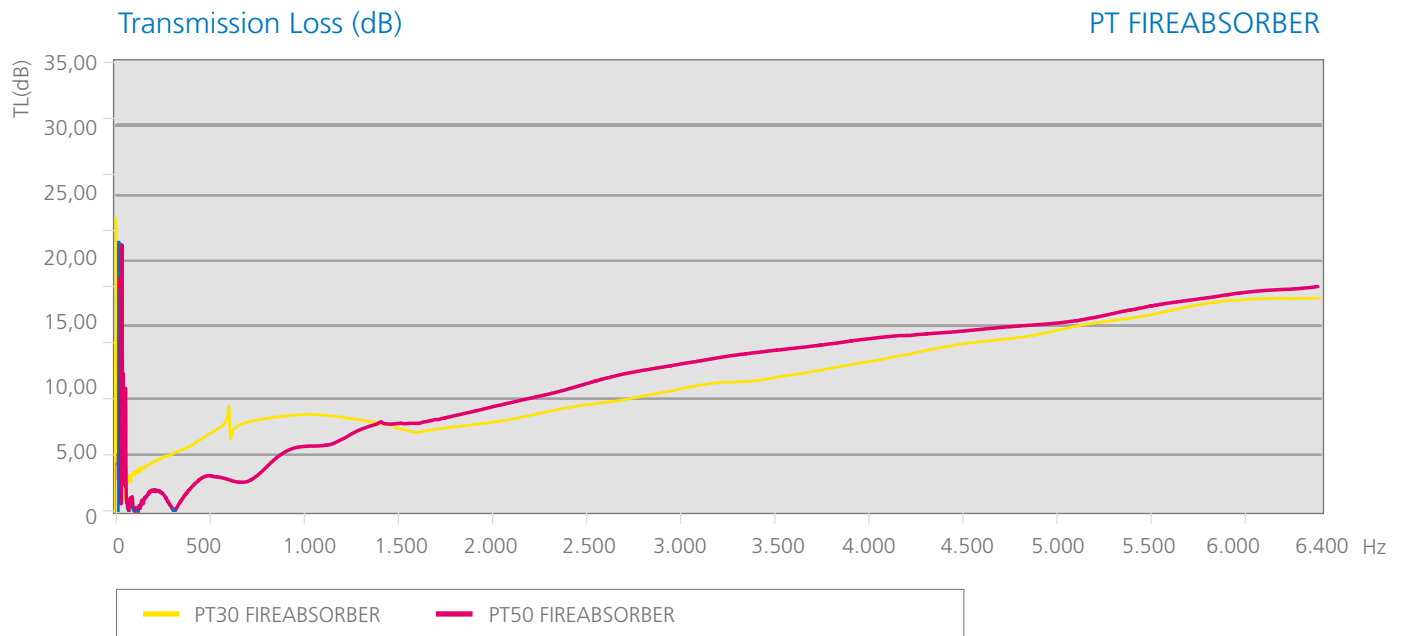
Thicknesses

30 mm. 50 mm.

Formats

1000 x 1000 mm. Sheets.

Tipo	Código	AUTO-ADHESIVO	R _w (dB)
PT-30 FIREABSORBER	26331	-	9
PT-30A FIREABSORBER	26333	x	9
PT-50 FIREABSORBER	26332	-	6
PT-50A FIREABSORBER	26334	x	6



SPECIFICATIONS

HEAVY MASSES

2 mm.

4 mm.

Specifically designed for the damping of vibrations on metallic plates and airborne noise isolation



Overall air-borne noise isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Rubber elastomer compound mixed with Barite.

Applications

Designed for the damping of metallic plates and airborne noise isolation.

Thicknesses

2 mm. 4 mm.

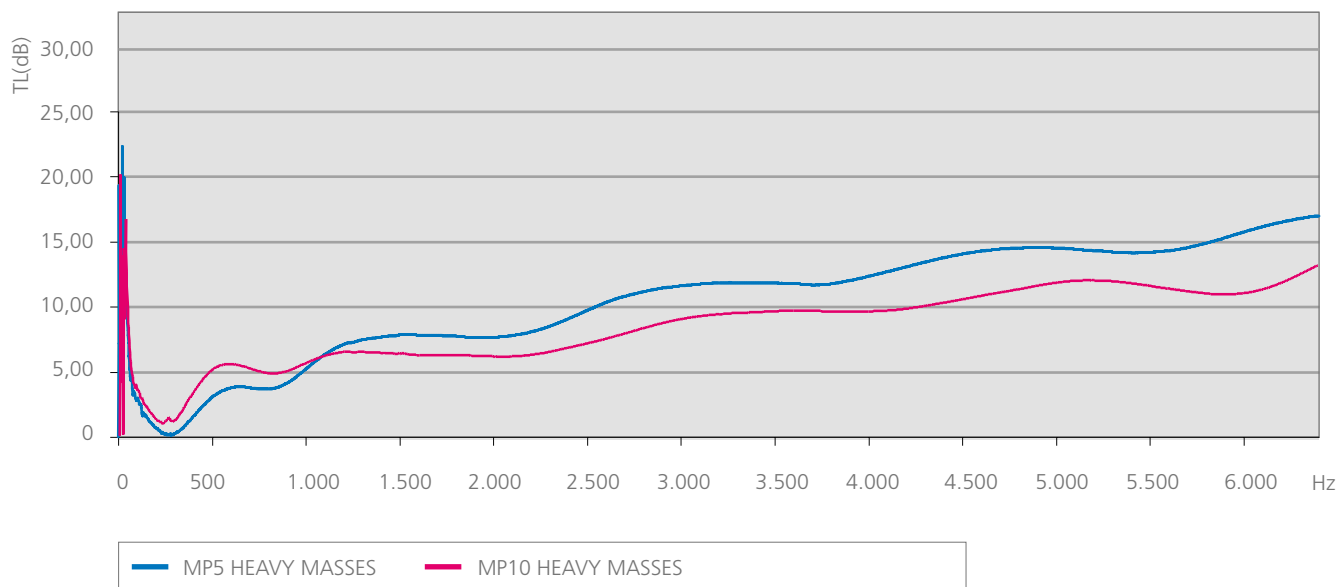
Formats

1230 x 1030 mm. Sheets

Type	Code	SELF-ADHESIVE	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
MP5 A	26603	x	9	11	16	15	16	18
MP10 A	26604	x	11	13	17	17	18	26
MP5 AA	26605	x	9	11	16	15	16	18
MP10 AA	26606	x	11	13	17	17	18	26

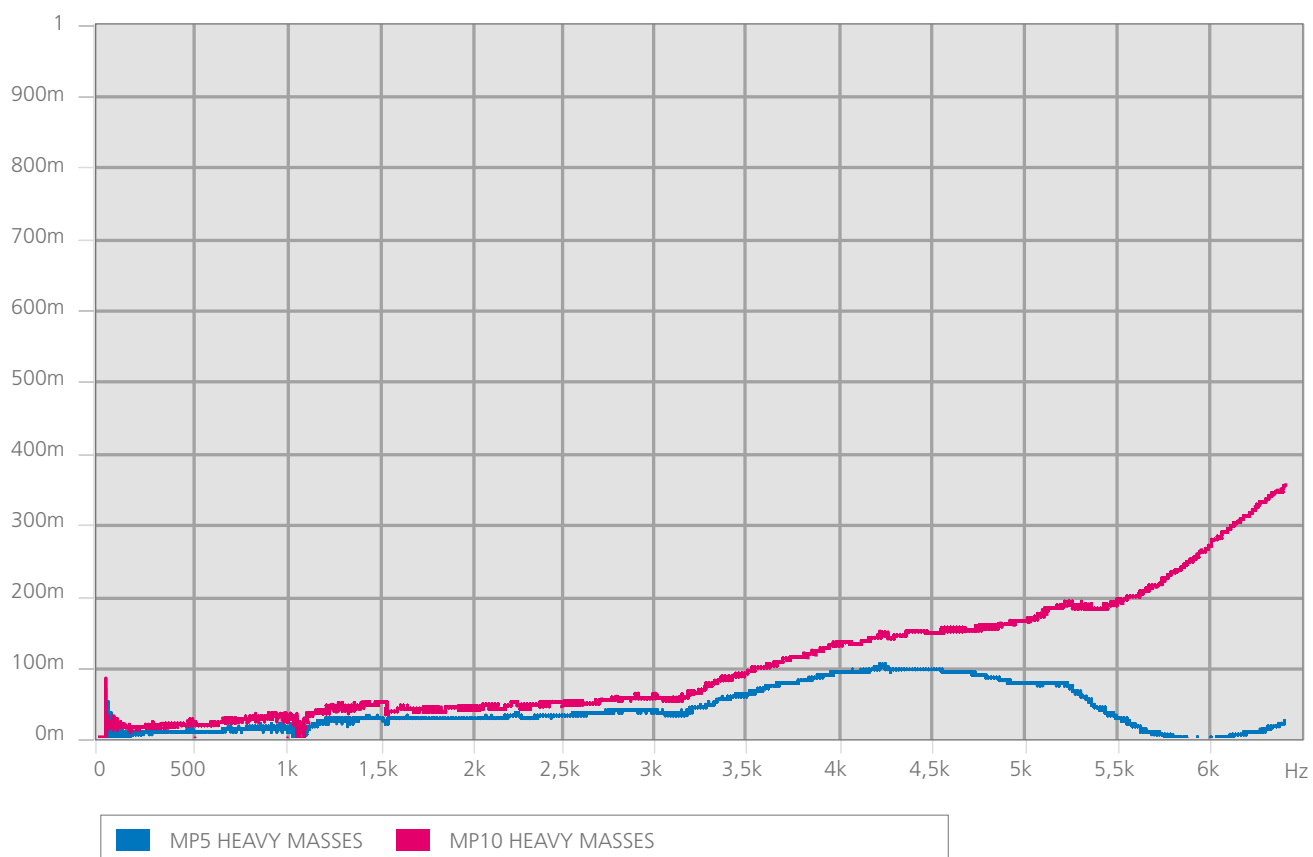
Transmission Loss (dB)

HEAVY MASSES



Absorption coefficient

HEAVY MASSES



SPECIFICATIONS

PAVIABSORBER

13 mm

Antiskid mat
with noise and
vibration isolation
properties.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

- 1- Antiskid Mat
- 2- Antivibration elastomeric (EPDM) closed cell foam.

Applications

Isolation of noise and vibrations in industrial, agricultural vehicle cabins.

Thicknesses

13 mm.

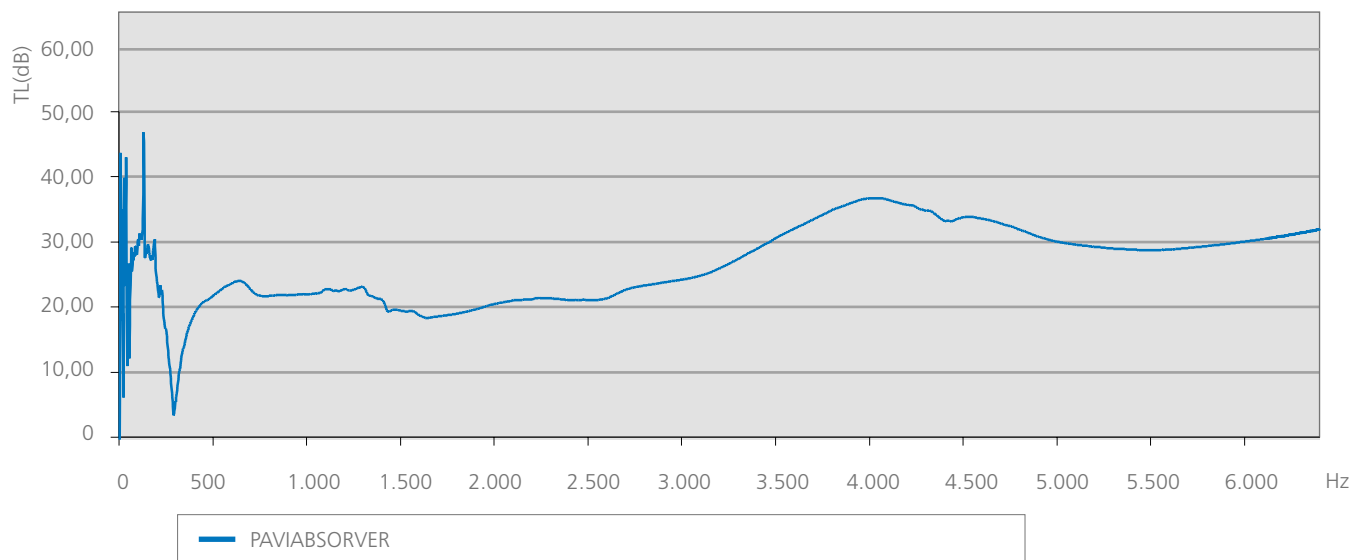
Formats

1200 x 1000 mm. Sheets.

Type	Code	SELF-ADHESIVE	R ^w (dB)
PAVIABSORBER (PAV. CIR.+ EPDM)	26701	-	22
PAVIABSORBER A (PAV.CIR.+ EPDM)	26703	x	22

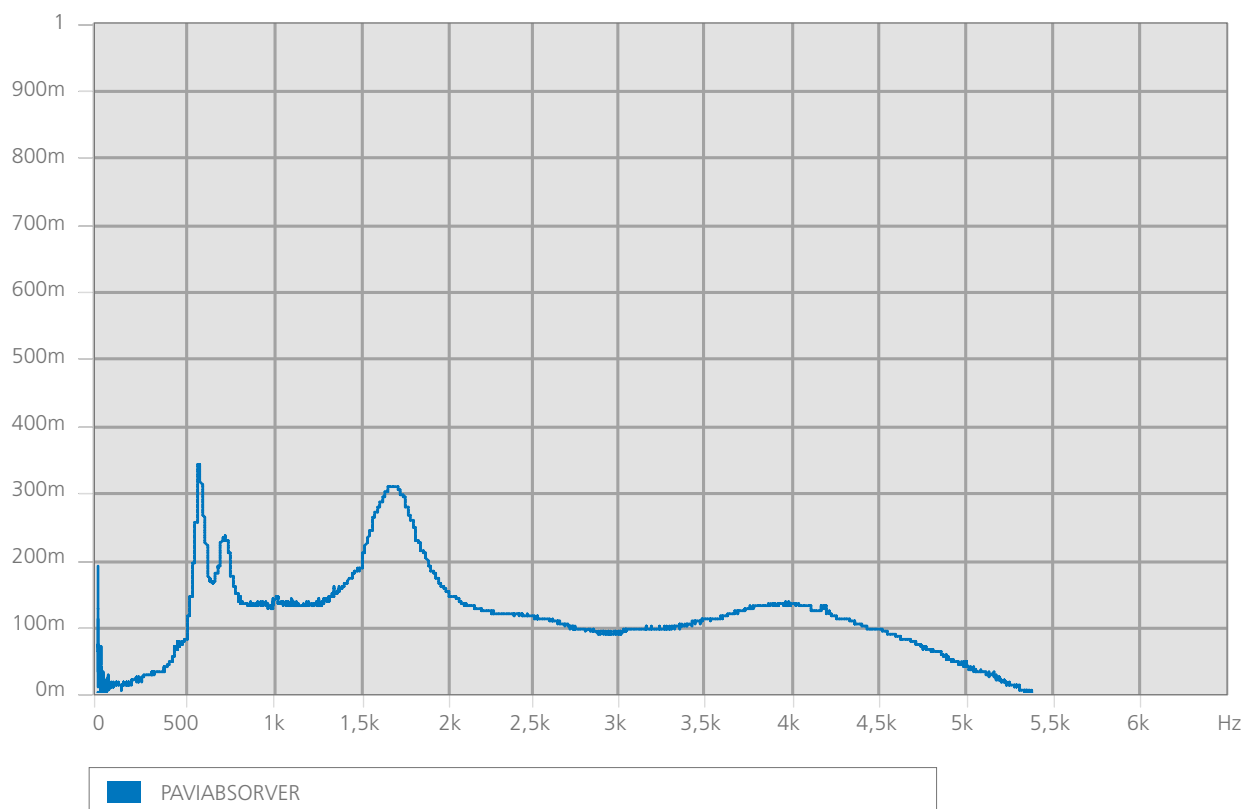
Transmission Loss (dB)

PAVIABSORBER



Absorption coefficient

PAVIABSORBER



SPECIFICATIONS

PYRAMIDAL GRAY

30 mm.

50 mm.

Self-extinguishable
polyurethane
honeycomb foam.



Overall air-borne noise isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Self-extinguishable polyurethane honeycomb foam.

Applications

Thermal insulation applications, good acoustic absorber and decorative.

Thicknesses

30 mm. 50 mm.

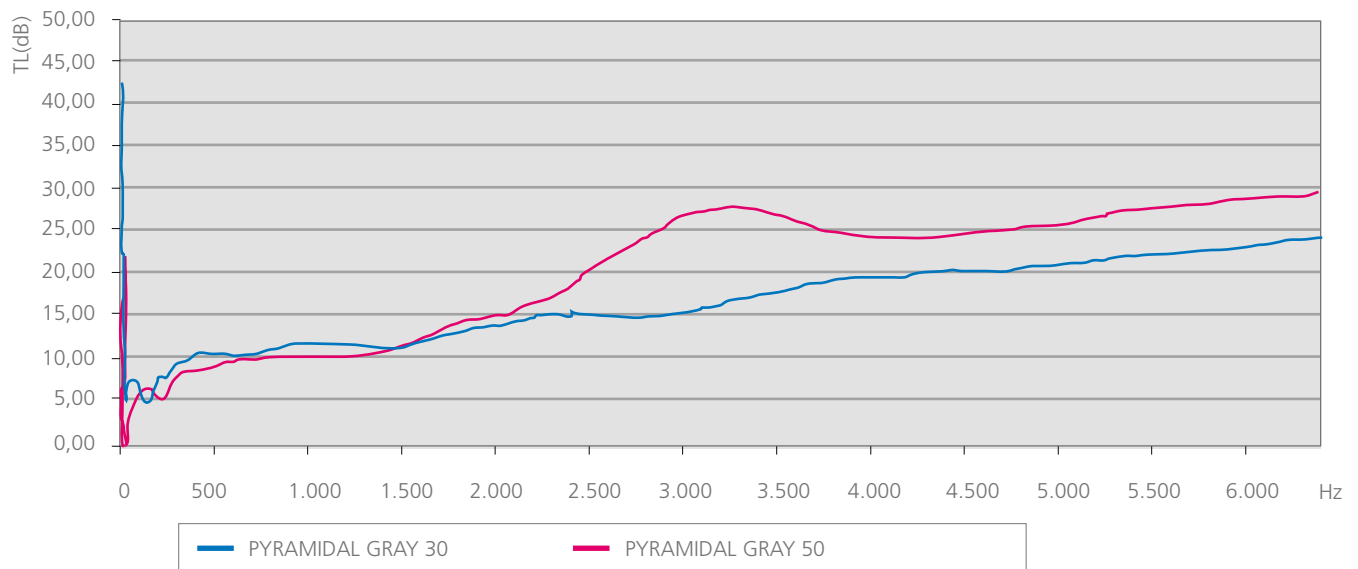
Formats

960 X 960 mm. Sheets.

Type	Code	SELF-ADHESIVE	R ^w (dB)
PYRAMIDAL 30 sheet	26801	-	13
PYRAMIDAL 30A sheet	26802	x	13
PYRAMIDAL 50 sheet	26803	-	12
PYRAMIDAL 50A sheet	26804	x	12

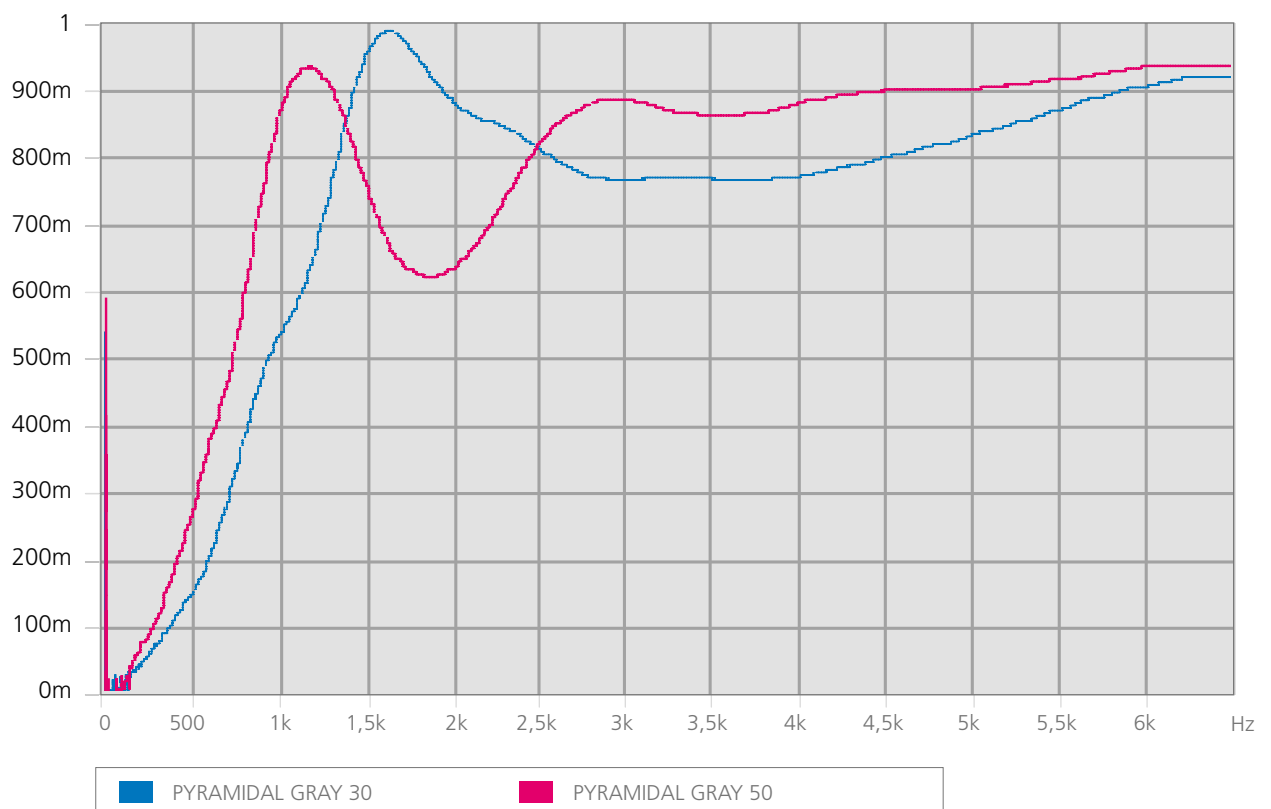
Transmission Loss (dB)

PYRAMIDAL GRAY



Absorption coefficient

PYRAMIDAL GRAY



SPECIFICATIONS

PYRAMIDAL
FIRE-RESISTANT

30 mm.

50 mm.

Espuma de
melamina ignífuga
M-1 alveolar.



Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

M-1 class fire-resistant melamine honeycomb foam.

Applications

Thermal insulation, M-1 class fire-resistant behaviour, very good acoustic absorber and decorative.

Thicknesses

30 mm. 50 mm.

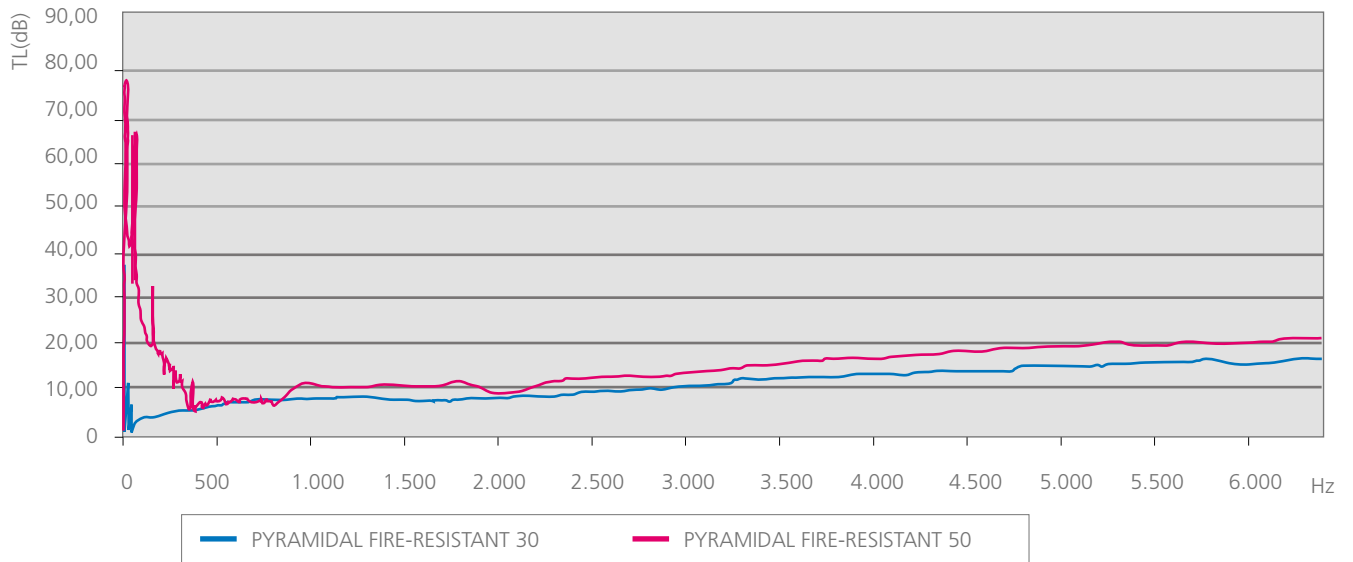
Formats ■

1200 x 600 mm. Sheets.

Type	Code	SELF-ADHESIVE	R _w (dB)
PYRAMIDAL FIRE-RESISTANT 30 Sheet	26805	-	9
PYRAMIDAL FIRE-RESISTANT A 30 Sheet	26807	x	9
PYRAMIDAL FIRE-RESISTANT 50 Sheet	26806	x	11
PYRAMIDAL FIRE-RESISTANT A 50 Sheet	26808	-	11

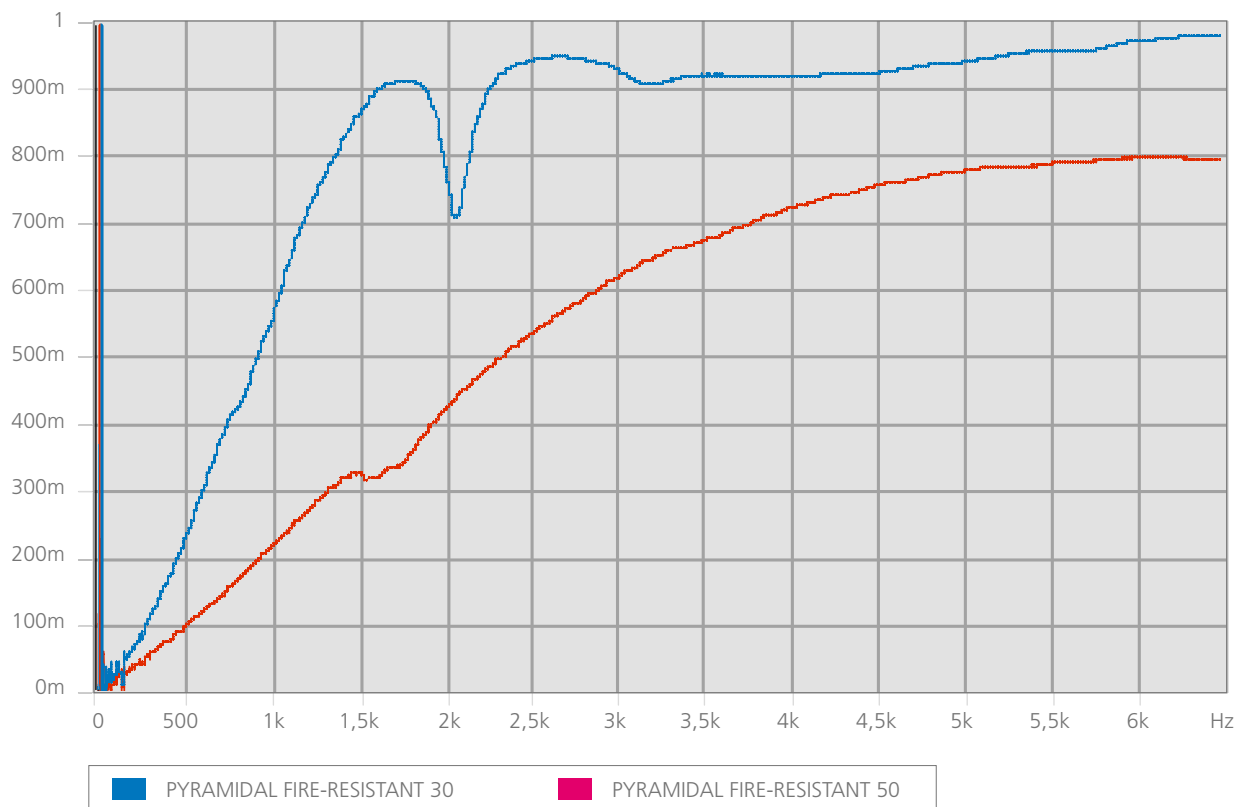
Transmission Loss (dB)

PYRAMIDAL FIRE-RESISTANT



Absorption coefficient

PYRAMIDAL FIRE-RESISTANT



SPECIFICATIONS

CAI

50 mm.

Aluminium facing
with fibreglass
support, M-1 F1
class Absorbing
foam.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Aluminium facing with fibreglass support, M-1 F1 class absorbing foam.

Applications

Thermal insulation, M-1 class fire-resistant, good resistance to smokes and not very good acoustic absorber but good absorbing isolator.

Thicknesses

50 mm.

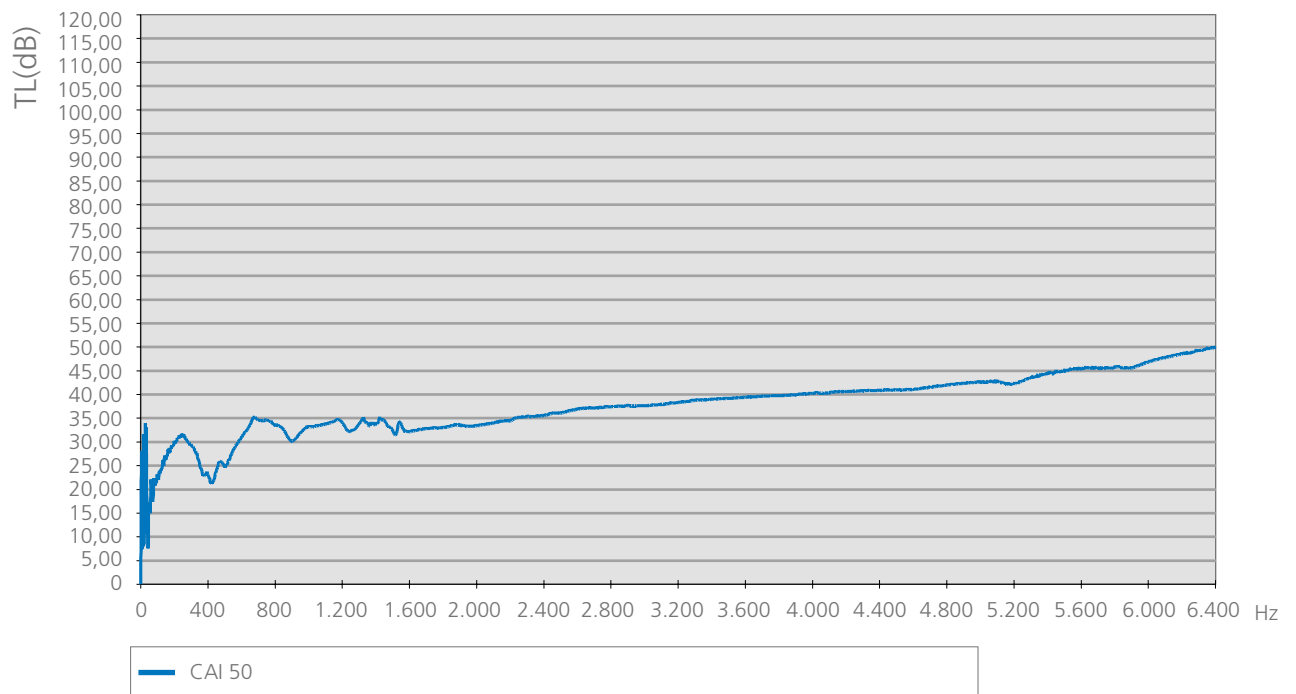
Formats

1200 x 1000 mm. Sheets.

Type	Code	SELF-ADHESIVE	R _w (dB)
CAI 50	28401	-	33

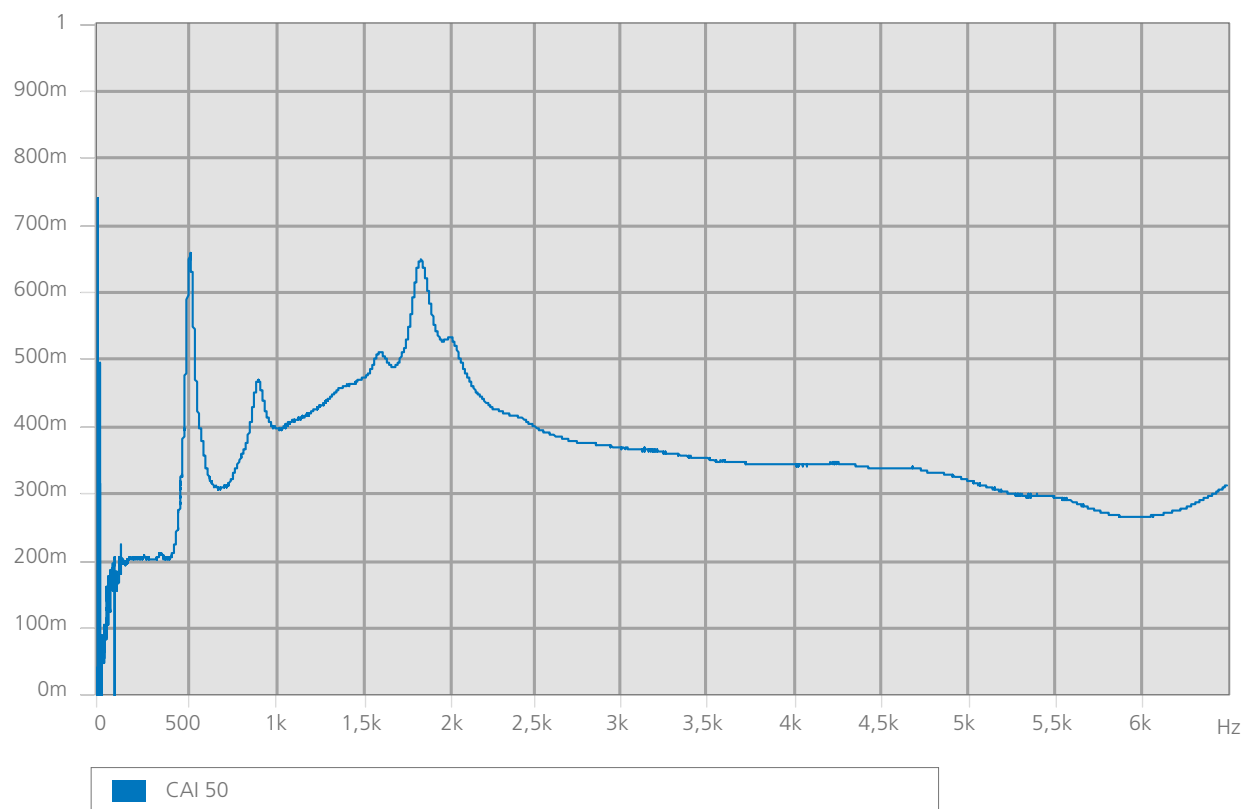
Transmission Loss (dB)

CAI



Absorption coefficient

CAI



SPECIFICATIONS

CAIM

50 mm.

Aluminium facing
with fibreglass
support, M-1 F1
class absorbing
foam and 5 Kg/m²
heavy viscoelastic
mass.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBECA88.

Composition

Aluminium facing with fibreglass support, M-1 F1 class absorbing foam and 5 Kg/m² heavy viscoelastic mass.

Applications

Thermal insulation, M-1 class fire-resistant, good resistance to smoke and not very good acoustic absorber but good absorbing isolator with damping layer, which increases the mass and dampens vibrations in marine applications.

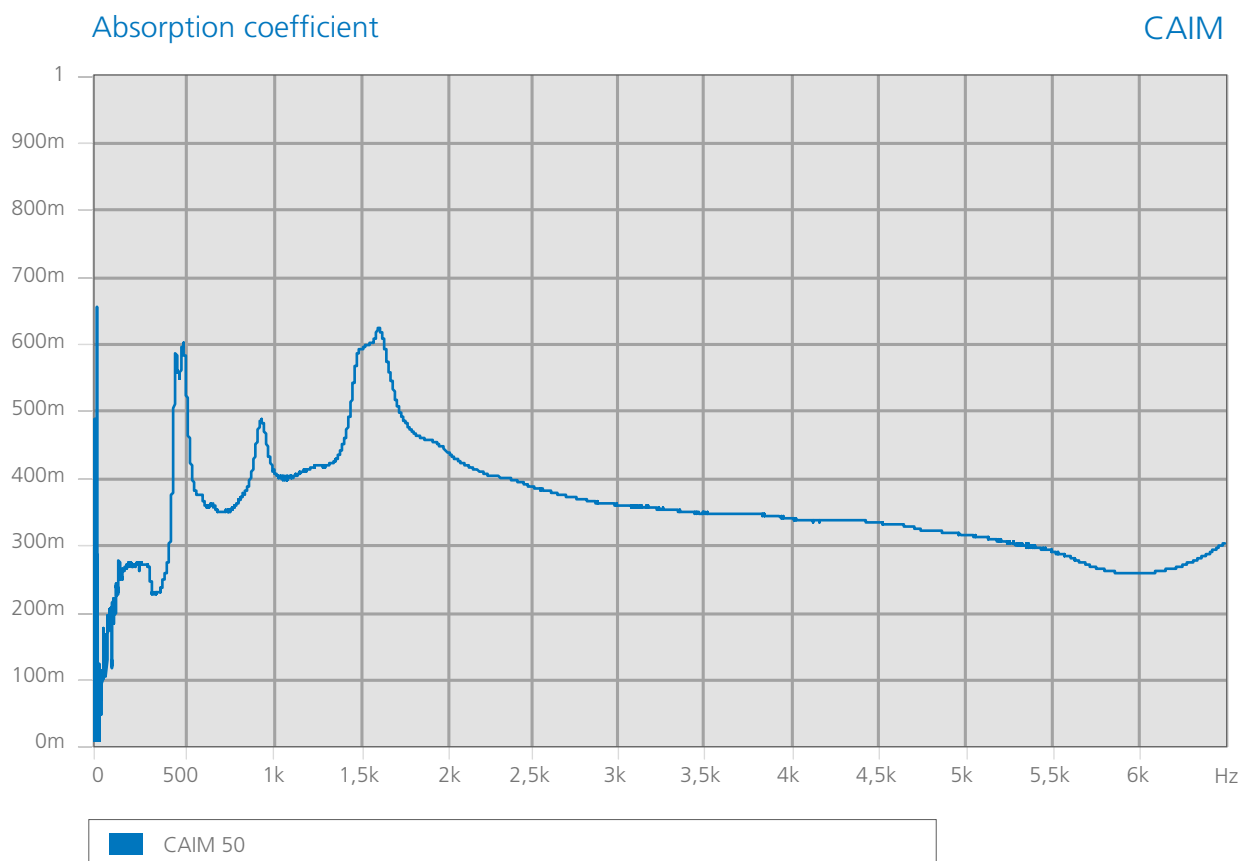
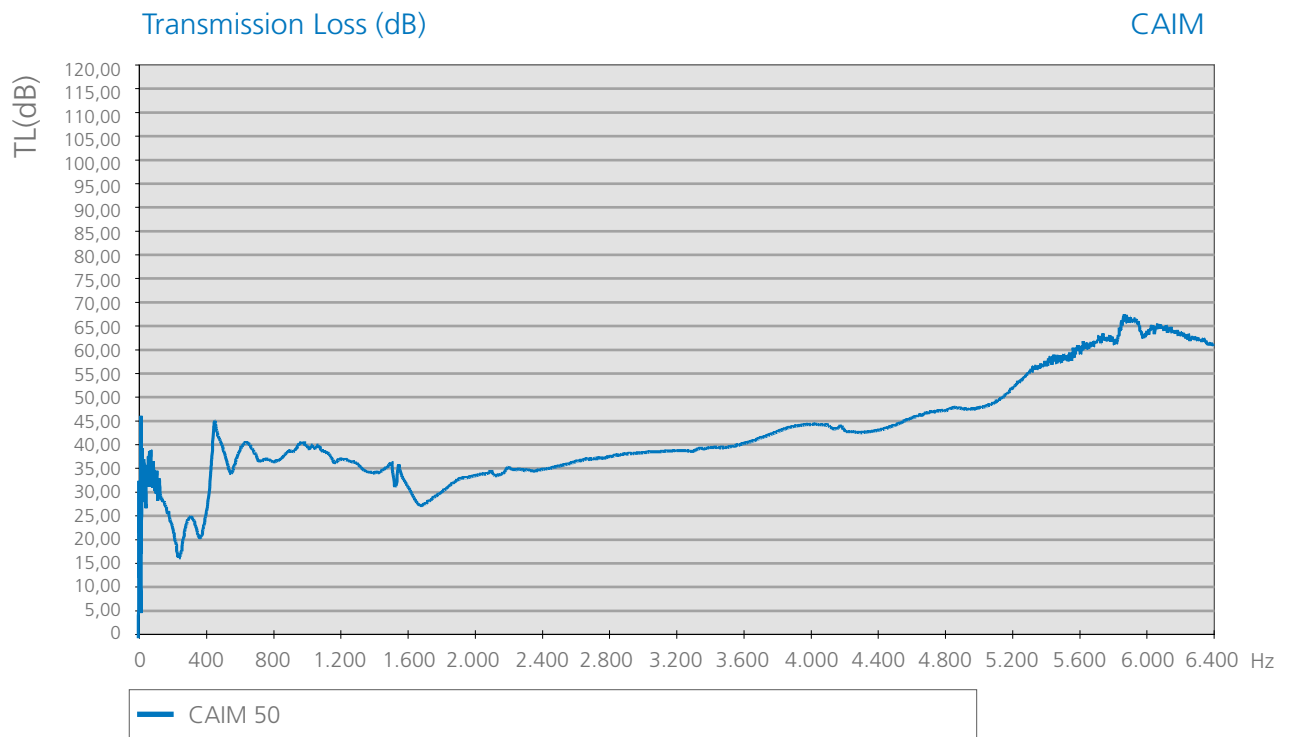
Thicknesses

50 mm.

Formats

1200 x 1000 mm. Sheets.

Type	Code	SELF-ADHESIVE	R _w (dB)
CAIM 50	28402	-	34



SPECIFICATIONS

MARINE

50 mm.

Aluminum coating
with fiberglass
backing. M1 fire
smoke features
F1.

Overall
air-borne noise
isolation use

- Measurements according to UNE-EN ISO 140-3 standard (December 1995) Acoustic Isolation of Construction Materials in Laboratory Measurements.
- Corresponds completely with ISO 140-3(1995) standard.
- Cancels and substitutes UNE 74-040/3 (1984) standard.
- Calculations according to NBCEA88.

Composition

Aluminum coating with fiberglass backing. M1 fire smoke features F1.

Applications

Thermic Isolation, f M1 behavior. Good behavior to smoke F1. Very good isolator but is not a good absorbent.

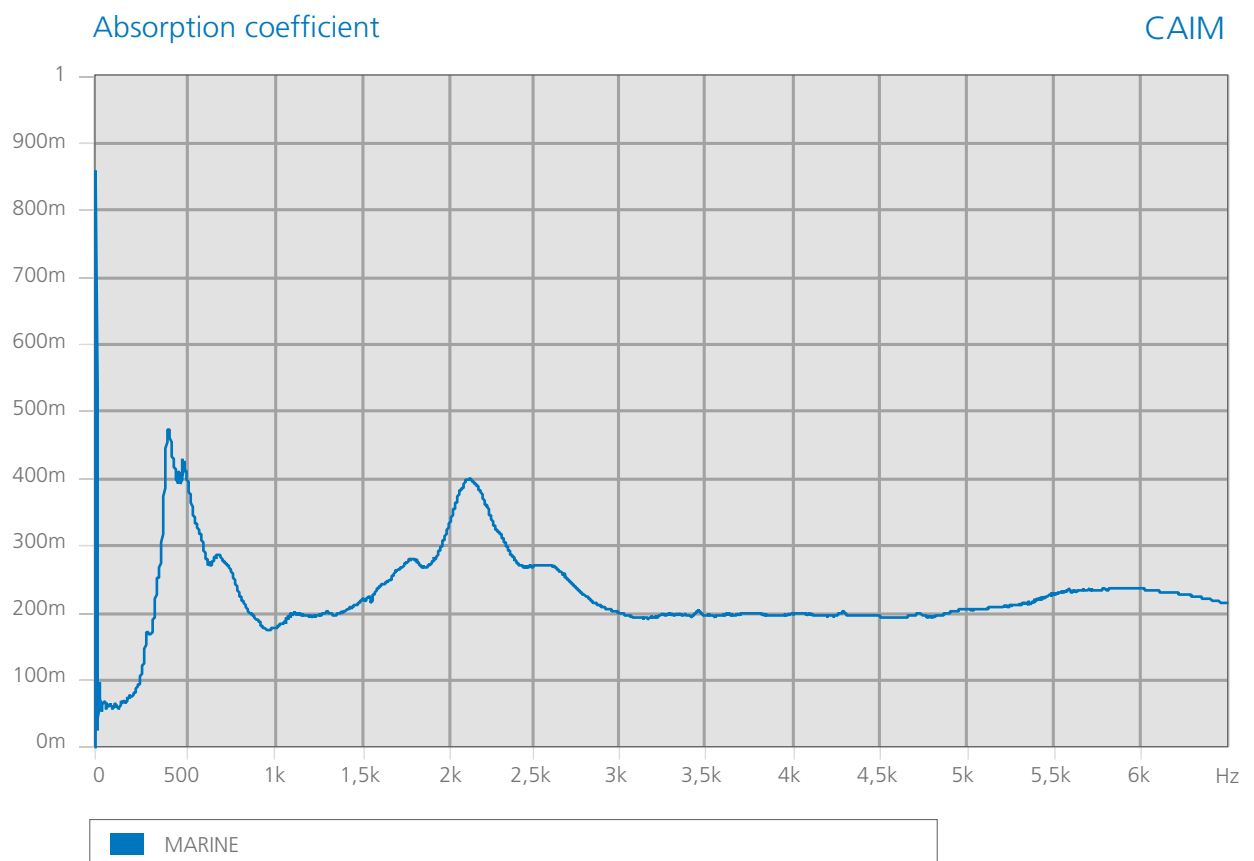
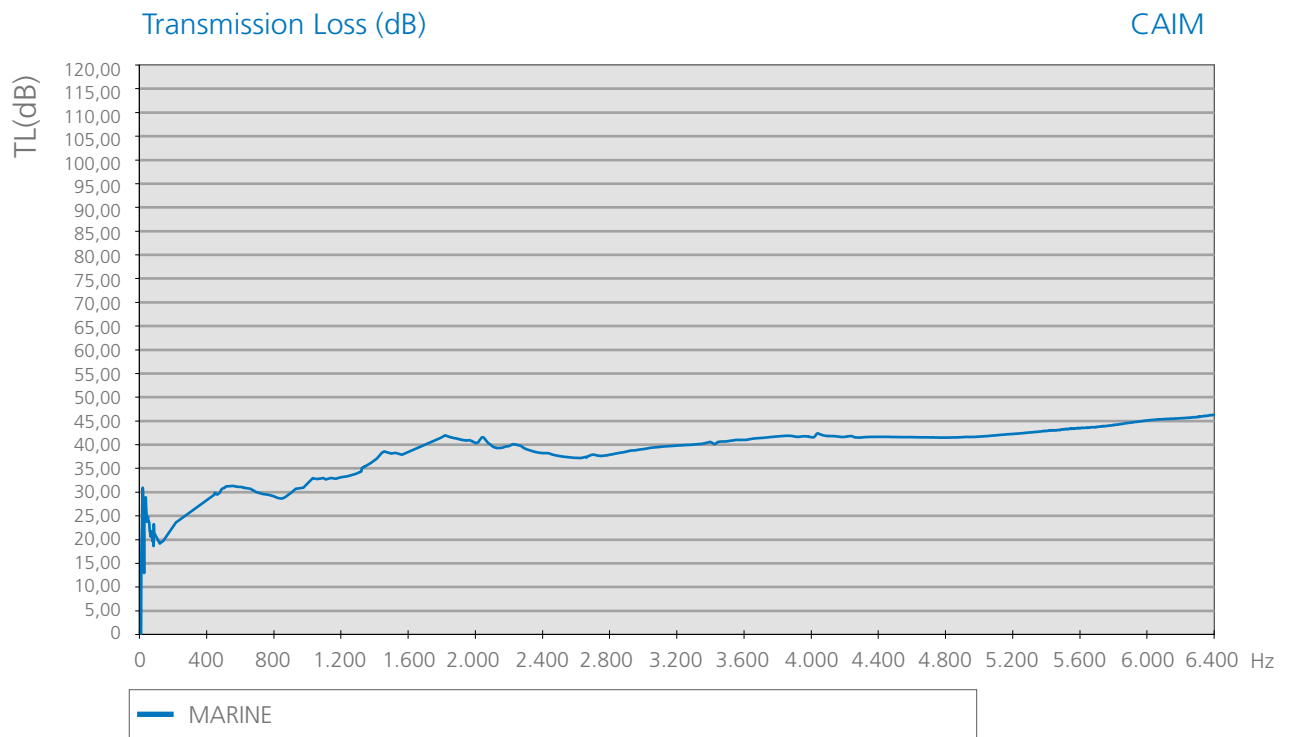
Thicknesses

50 mm.

Formats

1000 x 610 mm. Sheets.

Type	Code	SELF-ADHESIVE	R _w (dB)
MARINE	28411	-	33



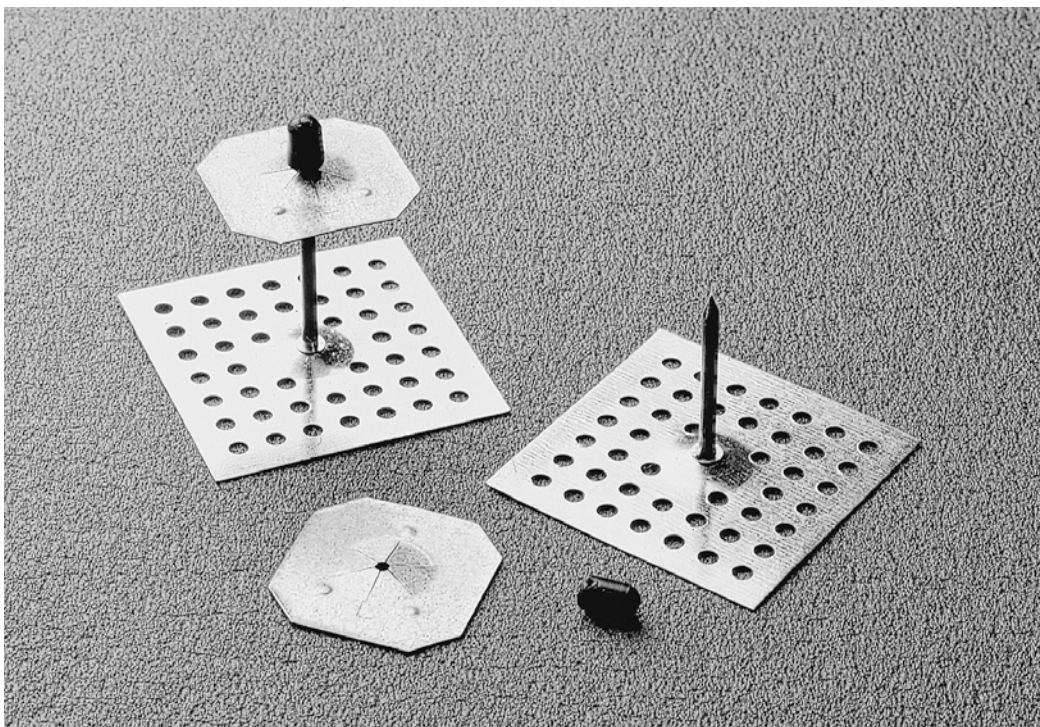
SPECIFICATIONS

FIXING NAIL + NAUTIC COVER

32 mm.

44 mm.

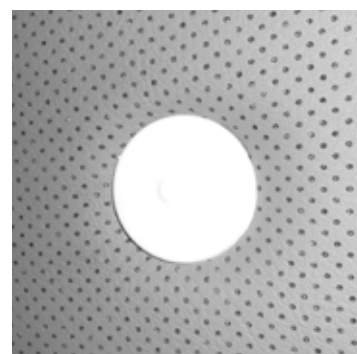
Mechanical fixing
systems for our
soundproofing
materials
AKUSTIKABSORBER.



Mechanical fixing systems for our soundproofing materials
AKUSTIKABSORBER.

Installation steps:

1. Simply use a polyurethane sealant, rivets or welding to secure the spikes.
2. On squeezing the adhesive it will seep through, allow it to dry for about 12 hours.
3. Place one nail every 40 or 50 cm and then press the AKUSTIKABSORBER material against the nail evenly.
4. Insert the washer and press against the isolation surface
5. Trim any surplus nail and fit the rubber plug.



NAUTIC COVER

Heights

32 mm. 44 mm.

Type	Code
FIXING NAIL 32	26401
FIXING NAIL 44	26402
TAPA NAÚTICA	26409

OTHER AMC PRODUCTS

RUBBER METAL SUPPORTS



The AMC MECANOCAUCHO® range of anti vibration mounts can solve vibration problems in all types of machinery, mobile or static, thus protecting people and the environment from the harmful effects of noise and vibration. Machinery, which, by virtue of its design has reciprocating or rotating parts, creates vibration to some degree through imbalance of the moving parts. It's necessary an anti vibration mounts because this vibration produced by a machine leads to different problems, such as a reduction in the machine's useful life through part wear, plus the transmission of this vibration to other noninsulated adjacent structures, giving rise to problems of noise and vibration transmission.



VIBRATION ISOLATOR PRO

Discover the app that helps you to find the
CORRECT VIBRATION ISOLATOR for your application.

Let your phone discover the main disturbing frequencies of
your application.

SIMPLE, EASY & FREE!



VIBRABSORBER + sylomer[®] by getzner



Spring mount is necessary in all machinery, which, by virtue of its design, has reciprocating or rotating parts, creates vibration to some degree through the imbalance of the moving parts. This vibration produced by a machine leads to different problems, such as a reduction in the machine's useful life through part wear, plus the transmission of this vibration to other non-insulated adjacent structures, giving rise to problems of noise and vibration transmission. It is therefore important to install a spring mount to machinery.

OTHER AMC PRODUCTS

AKUSTIK



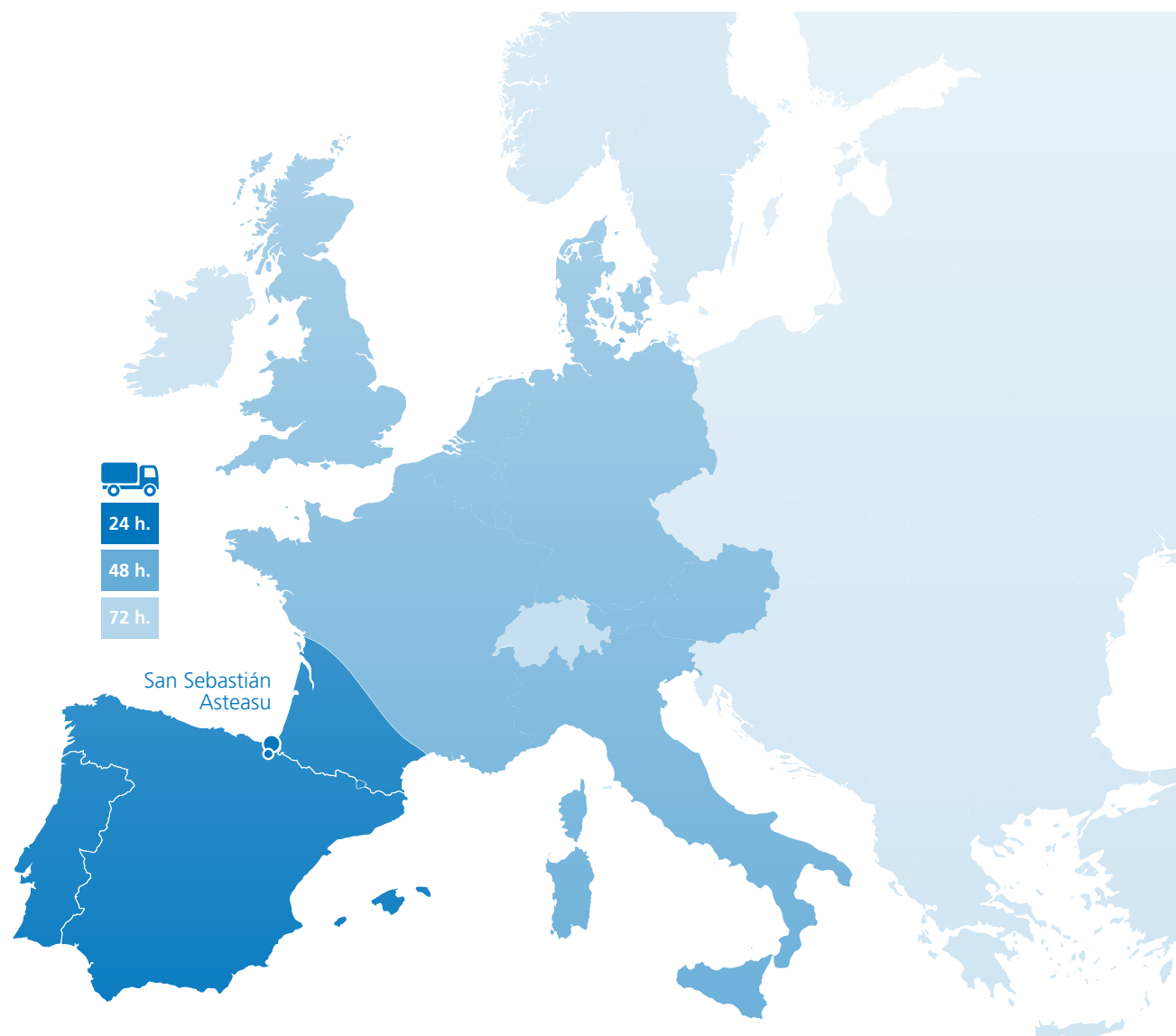
Acoustic hangers are elastic elements used mostly for ceiling suspension in order to achieve an vibration and noise insulation. There is a wide range of acoustic hangers, that can be used not only for V ceiling suspension but also for machinery vibration isolation like air conditions units ventilators, pipe suspension etc. The elastic suspension of different elements in ceilings avoid the propagation of vibration and structural born noise from one floor to the other.

AKUSTIK + by getzner **sylomer®**



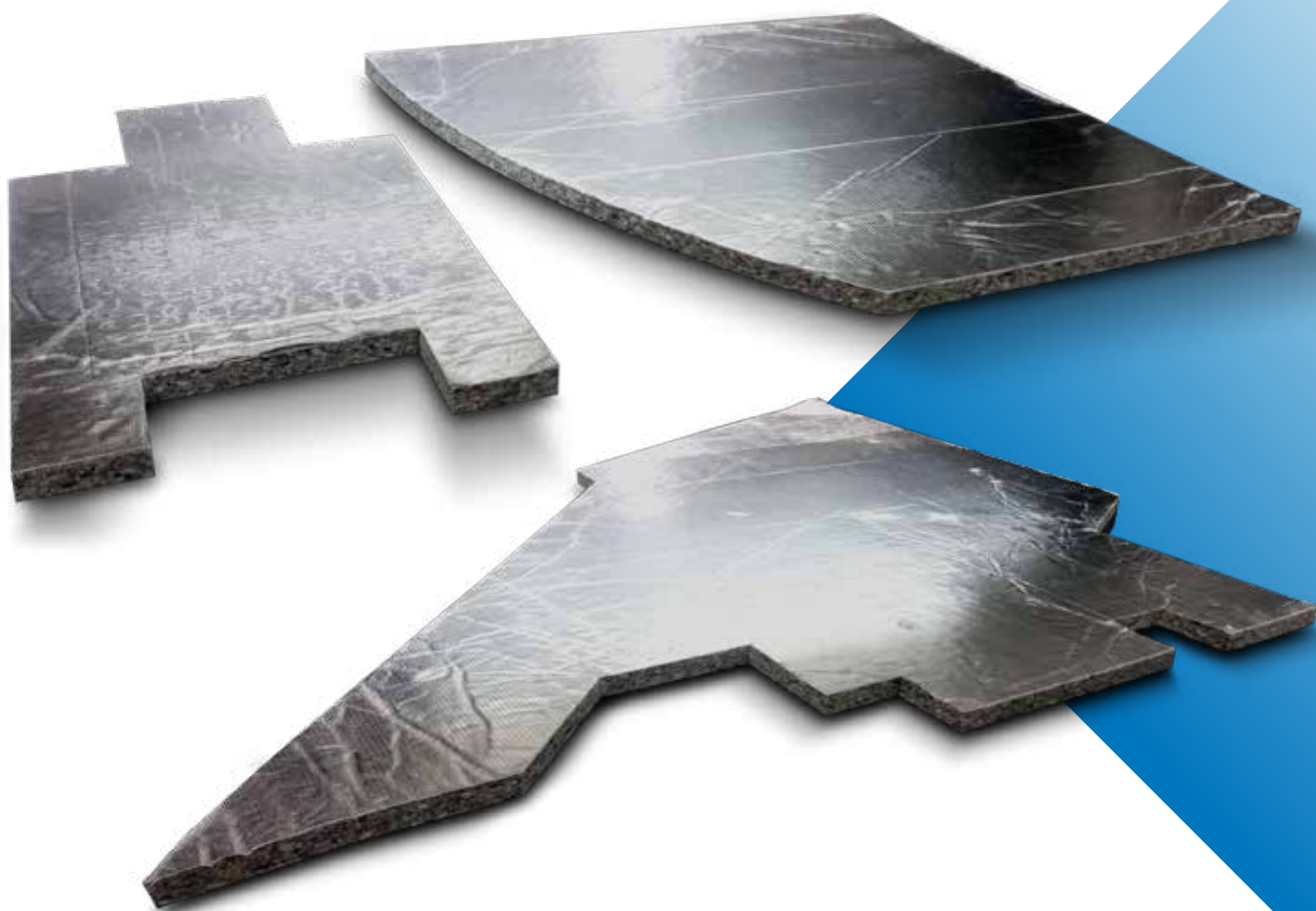
Akustik+Sylomer® is the trademark of a new product range of acoustic hangers. Acoustic suspended ceilings are an excellent way of preventing airborne noise from below passing into the ceiling structure, or preventing noise/vibration from the floor above entering the room below. Sylomer® is a well known elastomer that can give the extra isolation that can make the difference in the acoustic isolation of the room.

STOCK AT YOUR DISPOSAL

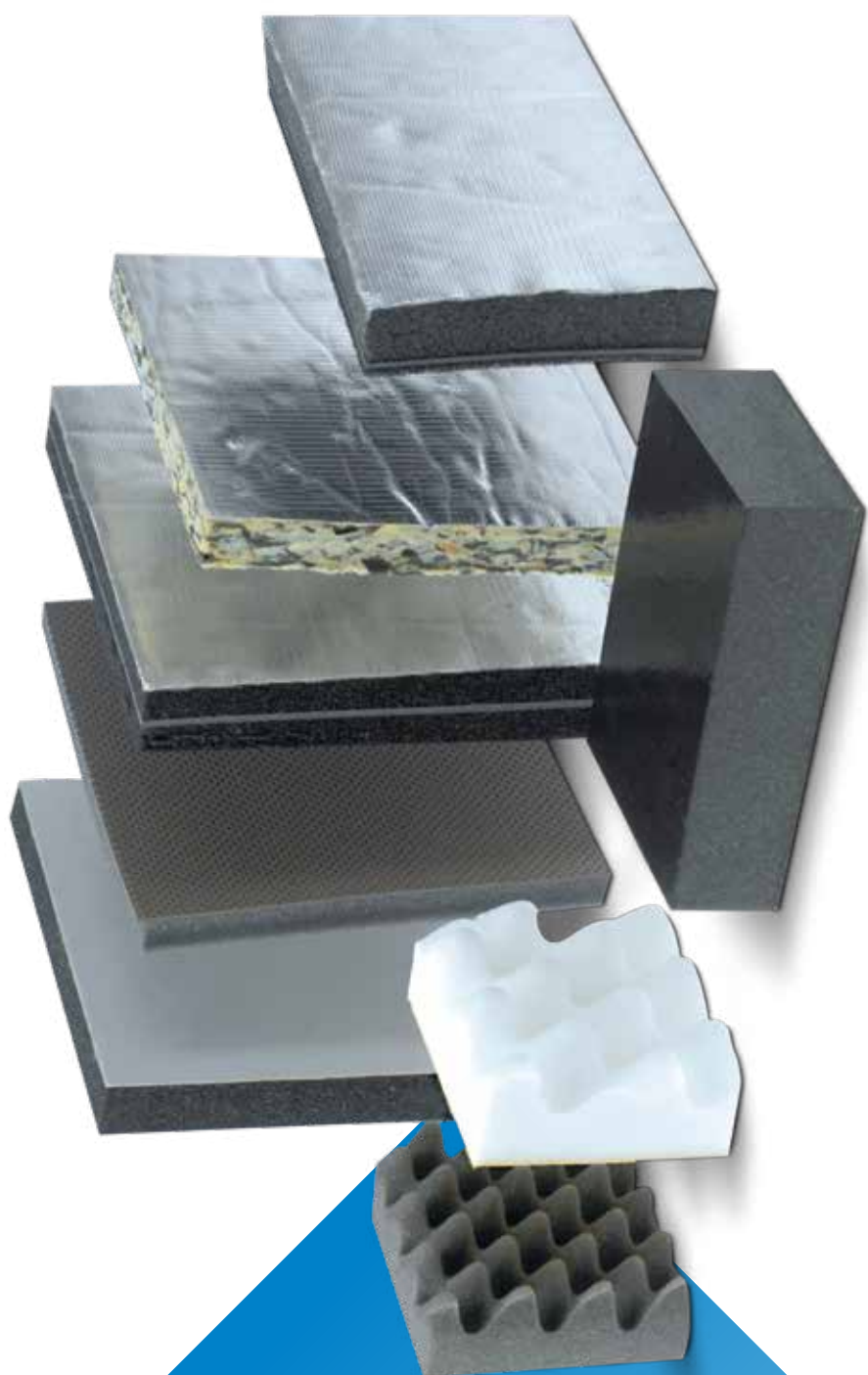


CUSTOMIZED CUT SERVICE

AMC MECANOCAUCHO® can provide customized cut service.



Do not hesitate to send us by email the drawings in dxf format.
sales@amcsa.es





Aplicaciones Mecánicas del Caucho, S.A.

Industrialdea Parc 35 A. • E-20.159
ASTEASU (Gipuzkoa) España
Tel.: + 34 943 69 61 02 • Fax: + 34 943 69 62 19
e-mail: sales@amcsa.es
www.akustik.com
www.mecanocaucho.com