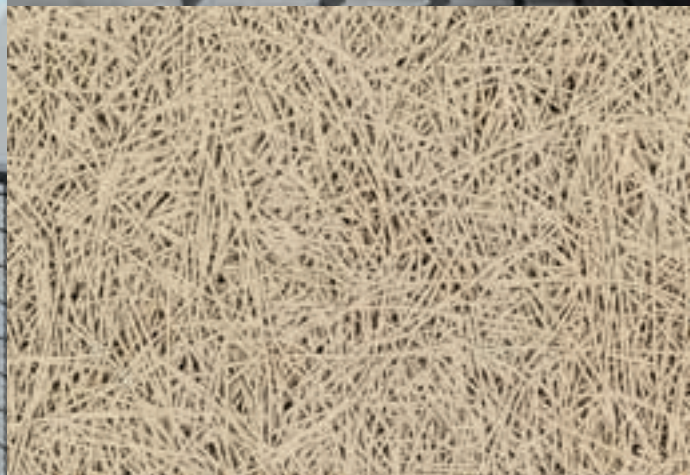




Heradesign®

2019





sustainable acoustic solutions for well-being room atmosphere

HERADESIGN® produces, develops and distributes high-class acoustic systems based on wood wool for ceiling and wall installations. The main areas of application of the HERADESIGN® acoustic systems are: education, sports, office, infrastructure, entertainment and recreational facilities.

What you should know

1. Freight terms

Prices are excl. VAT and freight terms ex warehouse BeNeLux. Delivered in full packs and delivery in consultation with dealer and factory. At mid-term changes of an existing specification not always can be guaranteed the specified delivery time. The requested delivery time does not mean that the factory that can always realize this. The order confirmation must be checked by the buyer and deviations to return by written comments. Without reaction the confirmation is binding. A non correct delivery must immediately reported by telephone and in writing to your supplier. Furthermore report deviations in number, wrong plates or damage to plates always directly on the delivery note.

Surcharges: delivery only full loaded trucks without unloading. "Broken" packing a € 35.00 per pallet.

2. Orders

Orders are in principle adopted in writing only.

3. Delivery dates

Delivery dates basically cover a delivery in the course of the day.

4. Declaration of Performance (DoP)

Since 01.07.2013, the EU Construction Products Regulation outlining harmonised conditions for the marketing of construction products (VO EU No. 305/2011) is in effect. With this are new legal obligations for manufacturers, importers and distributors. To comply with our obligations as a manufacturer and to simplify your obligations as a distributor, we have compiled all the relevant documents in the European languages in a new Internet Portal.

You can find this information for Knauf AMF, HERADESIGN® and DONN® products at:

HYPERLINK "<http://www.knaufamf-dop.de>" www.knaufamf-dop.de

5. Further notes

All of our agreements and offers are subject to our general sales, delivery and payment terms and conditions. Please observe all handling instructions and installation guidelines as well as the relevant standards and codes of practice. Video tutorials can be found at HYPERLINK "<http://www.youtube.com/heradesign>" www.youtube.com/heradesign or request our "Installation Guide".

Please also note that the responsibility for correct and professional installation and compliance with the relevant building regulations lies with the architect and building contractor.

The prices represent non-binding, recommended retail prices. No liability is accepted for the information provided. Subject to change without prior notice. VAT is not included in the prices stated. This price list replaces all previous editions.

HERADESIGN® guarantees that the products are correctly produced in accordance with the manufacturers declarations.

Customers service

We attach importance to a good service!

Quick and uncomplicated answer our staff any questions you may have.

Friendly and uncomplicated: our customers service.

nv Albintra sa

Bistweg 80

B-2520 BROECHEM

Tel. 03-470 12 12

Fax 03-470 12 00

e-mail: info@albintra.be

www.albintra.be

Visit us at www.knaufamf.nl

Here you will find all information about the products of HERADESIGN®:

- practical acoustics computer
- product data sheets
- tendering texts constructions
- constructions and designs

You can also find videos on Youtube on www.youtube.com/heradesign

Product Range

Reaction to fire according to EN 13501-1: B-s1, d0

HERADESIGN® *macro*

1-layer magnesite bonded wood wool acoustic panel (fibre width approx. 3 mm)
Characteristic surface texture – building biology recommended



Thickness mm	Surface	Weight c. kg/m²	Package m² per palette 600 x 600 mm 1200 x 600 mm
25	Fibre textures	12.4	25.20

2)

HERADESIGN® *fine*

1-layer magnesite bonded wood wool acoustic panel (fibre width approx. 2 mm)
Characteristic surface texture – building biology recommended



Thickness mm	Surface	Weight c. kg/m²	Package m² per palette 600 x 600 mm 1200 x 600 mm	Package m² per palette 625 x 625 mm 1250 x 625 mm
15	Fibre textures	8.2	40.32	43.75
25	Fibre textures	12.4	25.20	27.34
35	Fibre textures	16.3	18.00	19.53

1), 2)

HERADESIGN® *superfine*

1-layer magnesite bonded wood wool acoustic panel (fibre width approx. 1 mm)
Fine surface texture – building biology recommended



Thickness mm	Surface	Weight c. kg/m²	Package m² per palette 600 x 600 mm 1200 x 600 mm	Package m² per palette 625 x 625 mm 1250 x 625 mm
15	Fibre textures	7.8	40.32	43.75
25	Fibre textures	11.3	25.20	27.34
35	Fibre textures	15.0	18.00	19.53

1), 2)

HERADESIGN® *micro*

1-layer magnesite bonded wood wool acoustic panel
Fine pored surface texture – building biology recommended

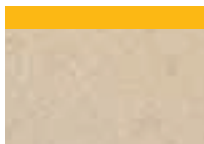


Thickness mm	Surface	Weight c. kg/m²	Package m² per palette 600 x 600 mm 1200 x 600 mm	Package m² per palette 625 x 625 mm 1250 x 625 mm
25	Pore structure	15.0	25.20	27.34
35	Pore structure	19.0	18.00	19.53

2)

HERADESIGN® *plano*

1-layer magnesite bonded wood wool acoustic panel
Fine surface texture – building biology recommended



Thickness mm	Surface	Weight c. kg/m²	Package m² per palette 600 x 600 mm 1200 x 600 mm
25	Pore structure	15.0	25.20

2)

1) in thickness 25 mm no additional charge for sizes 2400 x 600 mm and 2000 x 600 mm.

2) no additional charge in size 2400 x 600 mm.

Product Range A2

Reaction to fire according to EN 13501-1: A2-s1, d0



HERADESIGN® *fine A2*

1-layer magnesite bonded wood wool acoustic panel (fibre width approx. 2 mm)
Characteristic surface texture – building biology recommended



Thickness mm	Surface	Weight c. kg/m ²	Package m ² per palette 600 x 600 mm/1200 x 600 mm
15	Fibre textures	13.0	40.32
25	Fibre textures	19.0	25.20

HERADESIGN® *superfine A2*

1-layer magnesite bonded wood wool acoustic panel (fibre width approx. 1 mm).
Fine surface texture – building biology recommended



Thickness mm	Surface	Weight c. kg/m ²	Package m ² per palette 600 x 600 mm/1200 x 600 mm
15	Fibre textures	12.0	40.32
25	Fibre textures	18.0	25.20

Product Range plus

Reaction to fire according to EN 13501-1: B-s1, d0

HERADESIGN® *macro plus*

2- layer acoustic tile as composite product with trickle protection
(HERADESIGN® macro with mineral wool absorber)



Thickness (Construction) mm	Edge	Weight c. kg/m ²	Package m ² per palette 1200 x 600 mm
50 (25/25)	AK-01 plus	14.7	28.80
65 (25/40)	SK-04 plus	16.0	23.04

HERADESIGN® *fine plus* ¹⁾

2- layer acoustic tile as composite product with trickle protection
(HERADESIGN® fine with mineral wool absorber)



Thickness (Construction) mm	Edge	Weight c. kg/m ²	Package m ² per palette 1200 x 600 mm
40 (15/25)	AK-01 plus	10.5	34.56
50 (25/25)	AK-01 plus	14.7	28.80
55 (15/40)	SK-04 plus	11.8	28.80
65 (25/40)	SK-04 plus	16.0	23.04

1) Available also with HERADESIGN® fine A2 (= HERADESIGN® fine A2 plus)

HERADESIGN® *superfine plus* ²⁾

2- layer acoustic tile as composite product with trickle protection
(HERADESIGN® superfine with mineral wool absorber)



Thickness (Construction) mm	Edge	Weight c. kg/m ²	Package m ² per palette 1200 x 600 mm
40 (15/25)	AK-01 plus	10.1	34.56
50 (25/25)	AK-01 plus	13.6	28.80
55 (15/40)	SK-04 plus	11.4	28.80
65 (25/40)	SK-04 plus	14.9	23.04

2) Available also with HERADESIGN® superfine A2 (= HERADESIGN® superfine A2 plus)

HERADESIGN® *micro plus / plano plus*

2- layer acoustic tile as composite product with trickle protection
(HERADESIGN® micro / plano with mineral wool absorber)



Thickness (Construction) mm	Edge	Weight c. kg/m ²	Package m ² per palette 1200 x 600 mm
50 (25/25)	AK-01 plus	17.3	28.80
65 (25/40)	SK-04 plus	18.6	23.04

The 5 kinds of panels are also available in: 55 (25/30) AK-01 ASF.
Shifted glued; for direct concrete mounting.

Colours

Standard colors		White, similar to RAL 9010
Product Range. Product Range plus	HERADESIGN® <i>macro</i> . HERADESIGN® <i>fine</i> . HERADESIGN® <i>superfine</i> . HERADESIGN® <i>micro</i>	•
	HERADESIGN® <i>plano</i>	•
Product Range A2	HERADESIGN® <i>fine</i> A2. HERADESIGN® <i>superfine</i> A2	•

1) bevells (e.g.: edge configuration AK-01) and edges are not painted. Note: edge painting possible on request.

Special colors on request (based on standardised colour systems such as RAL, NCS, BS or StoColor)	
Surcharge clause:	
Price group 1	as shown below
Price group 2	all other standard colours
Surcharges	Exterior colours: Price groups 1 & 2 (Note: specified for covered/protected external use) ¹⁾
	BFA surcharge: Price groups 1 - 2 (Note: specified with relative humidity from 80%)
	Spraying of the sides; valid for all price groups
	Surcharge ≤ 150 sm

1) Limited colour selection; feasibility on request 2) Quantities under 150 m² are not possible

Price group 1 (RAL 840 HR)											
1000	green beige	1020	olive yellow	3009	oxide red	5012	light blue	6034	pastel turquoise	7042	traffic grey A
1001	beige	1021	rape yellow	3012	beige red	5014	pigeon blue	7000	squirrel grey	7044	silk grey
1002	mustard yellow	1023	traffic yellow	3014	antique pink	5017	traffic blue	7001	silver grey	7047	telegrey 4
1003	signal yellow	1024	ochre	3015	light pink	5019	capri blue	7002	olive grey	8001	ochre brown
1004	golden yellow	1027	curry yellow	3016	coral	5023	remote blue	7004	signal grey	8002	signal brown
1005	honey yellow	1032	broom yellow	3018	strawberry red	5024	pastel blue	7005	mouse grey	8004	copper brown
1006	maize yellow	1034	pastel yellow	3020	traffic red	6010	grass green	7006	beige grey	8023	orange brown
1007	daffodil yellow	2000	yellow orange	4003	heather	6017	may green	7008	khaki grey	8024	beige brown
1011	brown beige	2001	red orange	4005	ral purple	6018	yellow-green	7030	stone grey	8025	pale brown
1012	lemon	2003	pastel orange	4006	traffic purple	6019	white green	7032	pebble grey	9001	cream
1013	pearl white	2004	pure orange	4008	signal violet	6021	pale green	7033	cement grey	9002	grey white
1014	ivory	2011	deep orange	4010	telemagenta	6024	traffic green	7034	yellow grey	9003	signal white
1015	light ivory	2012	salmon orange	5000	purple blue	6025	fern green	7035	light grey	9006	white aluminum
1016	sulphur yellow	2013	pearl orange	5002	ultramarine blue	6027	light green	7036	platinum grey	9007	grey aluminum
1017	saffron yellow	3000	fire red	5005	signal blue	6029	mint green	7037	dust grey	9010	pure white
1018	zinc yellow	3001	signal red	5007	brilliant blue	6032	signal green	7038	agate grey	9016	traffic white
1019	grey beige	3002	carmin	5008	grey blue	6033	mint turquoise	7040	window grey	9018	papyrus white

This is a definitive list of the RAL colours in price group 1.

All other possible RAL colours are in price group 2 (some colours are not possible, for example fluorescent colours such as RAL 2005 etc.).

Metallic colours on request.

Note: Generally, deviations in colour tone from the colour chart and colour perception due to the rough fibres or tile surface are possible, particularly with follow-up deliveries.

For orders in a different color than standard white, to be ordered in one lot.

Repeat order may show difference in color; this is no cause for complaint.



Abbreviation	Design	Description of the edge	HERADESIGN® macro ⁷⁾				HERADESIGN® fine				HERADESIGN® superfine				HERADESIGN® micro				HERADESIGN® plano ^{7) 9)}				HERADESIGN® fine A2				HERADESIGN® superfine A2				Recommended section width ⁸⁾	Comments	Grid dimensions ²⁾	Panel dimensions
			25	15	25	35	15	25	35	25	35	25	15	25	15	25	25	15	25	25	15	25	25	15	25	mm	L/W (mm)	L/W (mm)						
System B																																		
System edges: screw mounting																																		
GK		straight edge on all sides	•	•	•	•	•	•	•	–	–	–	•	•	•	•	•	•	60	1) 3)	600/600 625/625 1200/600 1250/625	600/600 625/625 1200/600 1250/625												
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 shiplap 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 shiplap 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 shiplap 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		shiplap 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												
System edges: HERADESIGN® Exposed Grid System 24/38, insertion installation																																		
System C			25	15	25	35	15	25	35	25	35	25	15	25	15	25	mm				L/W (mm)	L/W (mm)												
SK-04		straight edge on all sides	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	24	2) 4)	600/600 625/625	594/594 619/619												
			•	–	•	•	–	•	•	•	•	•	–	•	–	•	–	•			1200/600 1250/625	1194/594 1244/619												
SK-05		straight edge with shiplap on all sides	•	–	•	•	–	•	•	•	•	–	–	•	–	•	–	•	24	2) 4)	600/600 625/625 1200/600 1250/625	594/594 619/619 1194/594 1244/619												
SK-06		shiplap 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																																		
System A			25	15	25	35	15	25	35	25	35	25	15	25	15	25	mm				L/W (mm)	L/W (mm)												
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)																																		
System S			25	15	25	35	15	25	35	25	35	25	15	25	15	25	mm				L/W (mm)	L/W (mm)												
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												
SK-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.

System parts

HERADESIGN® *screw*

Dry wall, countersunk screws for fixing
HERADESIGN® acoustic tiles to wood and metal grid structures ^{1) 4) 5)}

Length/Ø mm	Surface/color ³⁾	Wood			Metal CD Profile			Package pcs./carton
		for thickness mm			for thickness mm			
		15	25	35	15	25	35	
4.5 x 35	galvanised	•	–	–	•	–	–	200
4.5 x 35	white, beige	•	–	–	•	–	–	200
4.5 x 50	galvanised	–	•	–	–	•	•	200
4.5 x 50	white, beige	–	•	–	–	•	•	200
4.5 x 60	galvanised	–	–	•	–	–	–	200
4.5 x 60	white, beige	–	–	•	–	–	–	200

Surcharge clause. Minimum quantities and delivery times for other colours on request

1) With partial thread and Torx T20 – suitable for walls and profiles up to 0.6 mm thick

2) Screws painted white (similar to RAL 9010) or beige (natural tone 13)

3) Classes of use 1 and 2 as per EN 1995-1-1_2010-12. galvanised, yellow chromated. A2L as per EN ISO 4042

4) Screws specially hardened (500 HV 0.3)

5) Optimised tip for use with metal profiles

Note: Not suitable for swimming pools and external use. Screws with suitable corrosion protection for use in swimming pools and covered external areas etc. can be requested from a screw supplier.

HERADESIGN® *Drilling template*

for panel format	Package pcs./carton
600 and 625 mm	1
1200 and 1250 mm	1

HERADESIGN® *Access panel – ball impact safe*

Ball impact safe access panel with lock for
installation in wall and ceiling constructions

Format mm	for panel format mm	for Thickness mm	Package pcs./carton	List price in €/piece
400 x 400	600 x 600, 625 x 625	25	1	110.00
400 x 400	600 x 600, 625 x 625	35	1	115.00
400 x 600	1200 x 600, 1250 x 625	25	1	120.00
400 x 600	1200 x 600, 1250 x 625	35	1	125.00

4) Access panel installed centrally in a 1-layer HERADESIGN® acoustic tile

Note: Not suitable for swimming pools or external use.

HERADESIGN® Ceiling angle

Design element for cladding and
3D construction of walls and ceilings

Tile	Weight c. kg/m ²	Thickness mm	Format ⁵⁾ Length x Width x Height mm
HERADESIGN® fine	12.4 16.3	25 35	max. 1250 x 600 x 300
HERADESIGN® superfine	11.3 15.0	25 35	
HERADESIGN® micro	15.0 19.0	25 35	
HERADESIGN® plano	15.0	25	max. 1200 x 600 x 300

5) Edge design AK-01 and GK. Delivery times, special sizes and other products on request

HERADESIGN® Touch-up paint

Suitable for sawn sides and
minor repairs

Color	Content ml	Package pcs.
white (similar RAL 9010)	400	6
beige (natural tone 13)	400	6
Touch-up paint: 8,- €/kg net.		

HERADESIGN® Film bags ¹⁾

PE trickle protection film bags for
HERADESIGN® acoustic overlays

Format mm	for overlay thickness mm	Package pcs.
1400 x 750	< 80	250

1) Foil thickness 30 µm – Important: No effect on sound absorption

HERADESIGN® Acoustic overlay – density approx. 50 kg/m³ (formerly DP5)

Mineral wool absorber for increased
sound absorption requirements

Thickness mm	Weight c. kg/m ²	Tile size mm	Package m ² /Package
30	1.5	1200 x 625	12.0
40	2.0	1200 x 625	9.0
50	2.5	1200 x 625	7.5

HERADESIGN® Acoustic overlay – density approx. 90 kg/m³ (formerly DP9)

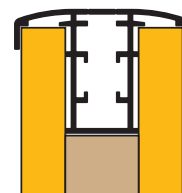
Mineral wool absorber for increased
acoustic and fire protection requirements ³⁾

Thickness mm	Weight c. kg/m ²	Tile size mm	Package m ² /Package
25	2.3	1200 x 625	7.5
50	4.5	1200 x 625	4.5

System

HERADESIGN® Baffle aluDesign

3- layer baffle (nominal thickness: 58 mm) with HERADESIGN® surface layer and mineral wool absorber core. Surrounded with a completely enclosed anodised aluminium profile (colour A6/C0) with integrated punching for HERADESIGN® hangers. Standard colour of the HERADESIGN® surface layer is white similar to RAL 9010 or beige natural tone 13.



HERADESIGN® fine

Baffle size mm	Weight c. kg/pc.	Package Pieces per pallet	List price in €/piece
600 x 300	4.5	60	on request
1200 x 300	8.7	30	on request
1800 x 300	12.9	30	on request
600 x 600	8.3	30	on request
1200 x 600	15.9	15	on request
1800 x 600	23.4	15	on request

HERADESIGN® superfine

Baffle size mm	Weight c. kg/pc.	Package Pieces per pallet	List price in €/piece
600 x 300	4.4	60	on request
1200 x 300	8.4	30	on request
1800 x 300	12.5	30	on request
600 x 600	8.0	30	on request
1200 x 600	15.3	15	on request
1800 x 600	22.6	15	on request

HERADESIGN® fine A2

Baffle size mm	Weight c. kg/pc.	Package Pieces per pallet	List price in €/piece
600 x 300	6.1	60	on request
1200 x 300	12.0	30	on request
1800 x 300	17.8	30	on request
600 x 600	11.6	30	on request
1200 x 600	22.5	15	on request
1800 x 600	33.5	15	on request

HERADESIGN® superfine A2

Baffle size mm	Weight c. kg/pc.	Package Pieces per pallet	List price in €/piece
600 x 300	5.8	60	on request
1200 x 300	11.3	30	on request
1800 x 300	16.8	30	on request
600 x 600	10.9	30	on request
1200 x 600	21.1	15	on request
1800 x 600	31.4	15	on request

Delivery times and other baffle sizes on request

Accessories for Baffle aluDesign

Accessories		for Baffle size mm	List price in €/piece
LED light set single 10 W	uplight or downlight	1200 x 300 and 1200 x 600	on request
LED light set single 20 W	uplight and downlight	1200 x 300 and 1200 x 600	on request

Including transparent connection cable 3 x 0.75 mm²

Colors

Surcharge for coloured aluminium frames

Color			List price in €/lin m'
Eloxal A6/C0	uncoloured	Standard	No surcharge
Eloxal A6/C2	light gold		on request
Eloxal A6/C3	medium gold		on request
Eloxal A6/C4	dark gold		on request

Color			List price in €/lin m'
Eloxal A6/C31	light bronze		on request
Eloxal A6/C32	bright bronze		on request
Eloxal A6/C33	medium bronze		on request
Eloxal A6/C34	dark bronze		on request
Eloxal A6/C35	black		on request

Note:

Other RAL colours for Baffle Alu frames on request (powder coated).

Surcharge for special colours of surface layers HERADESIGN® fine, fine A2 and superfine, superfine A2 according to the surcharge clause on page 61. Technical details and further information can be found in the product data sheet.



HERADESIGN® Baffle basic

2- layer baffle (nominal thickness: 30 mm) with HERADESIGN® surface layer with Alu-profile, anodised on the top side. Standard colour of HERADESIGN® surface layer is white similar to RAL 9010 or beige natural tone 13. The edge colour of the visible sides and underside edge (horizontal edge) is the same as the colour of the surface layer.

HERADESIGN® fine

Baffle size mm	Weight c. kg/pc.	Package Pieces per pallet	List price in €/piece
600 x 300	3.1	60	on request
1200 x 300	6.3	30	on request
1800 x 300	9.4	30	on request
600 x 600	6.1	30	on request
1200 x 600	12.2	15	on request
1800 x 600	18.3	15	on request

HERADESIGN® superfine

Baffle size mm	Weight c. kg/pc.	Package Pieces per pallet	List price in €/piece
600 x 300	3.0	60	on request
1200 x 300	6.0	30	on request
1800 x 300	9.0	30	on request
600 x 600	5.8	30	on request
1200 x 600	11.6	15	on request
1800 x 600	17.4	15	on request

HERADESIGN® fine A2

Baffle size mm	Weight c. kg/pc.	Package Pieces per pallet	List price in €/piece
600 x 300	4.8	60	on request
1200 x 300	9.7	30	on request
1800 x 300	14.5	30	on request
600 x 600	9.5	30	on request
1200 x 600	19.0	15	on request
1800 x 600	28.5	15	on request

HERADESIGN® superfine A2

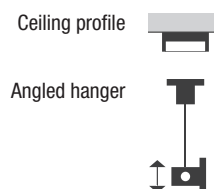
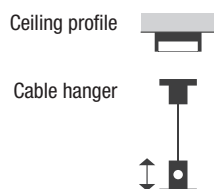
Baffle size mm	Weight c. kg/pc.	Package Pieces per pallet	List price in €/piece
600 x 300	4.5	60	on request
1200 x 300	8.9	30	on request
1800 x 300	13.4	30	on request
600 x 600	8.8	30	on request
1200 x 600	17.6	15	on request
1800 x 600	26.4	15	on request

Delivery times and other baffle sizes available on request

HERADESIGN® Suspension system for Baffle basic and Baffle aluDesign

System parts	Length mm	Package Pieces	Price €/m'
Ceiling fixing and main profiles	3000	2	on request
Special lengths on request			
System parts	Hanger height mm	Package Pieces	Price €/Package
Short hanger	45	12	on request
Cable hanger	< 500	12	on request
Angled hanger (only for Baffle aluDesign)	< 500	12	on request
Individual hanger (used WITHOUT ceiling fixing profiles)	< 500	12	on request

Delivery times and other baffle sizes on request



Hangers per baffle: baffle length 600 and 1200 mm - 2 pcs. per baffle; baffle length 1800 mm - 3 pcs. per baffle; when using angled hangers - 4 pcs. per baffle

HERADESIGN® Ceiling rafts

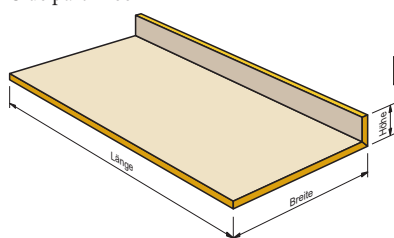
Ceiling raft solution in modular system for screw fixing ¹⁾

Plate	System parts	Format Length x Width x Height mm	Package pieces per pallet	List price in €/piece
HERADESIGN® <i>fine</i> thickness 25 mm	Corner part	600 x 600 x 125	on pallet 1200 x 600 mm, max. height 1170 mm	on request
	Side part 600	600 x 600 x 125		on request
	Side part 1200	1200 x 600 x 125		on request
	Standard 600	600 x 600		on request
	Standard 1200	1200 x 600		on request
HERADESIGN® <i>fine A2</i> thickness 25 mm	Corner part	600 x 600 x 125	on pallet 1200 x 600 mm, max. height 1170 mm	on request
	Side part 600	600 x 600 x 125		on request
	Side part 1200	1200 x 600 x 125		on request
	Standard 600	600 x 600		on request
	Standard 1200	1200 x 600		on request
HERADESIGN® <i>superfine</i> thickness 25 mm	Corner part	600 x 600 x 125	on pallet 1200 x 600 mm, max. height 1170 mm	on request
	Side part 600	600 x 600 x 125		on request
	Side part 1200	1200 x 600 x 125		on request
	Standard 600	600 x 600		on request
	Standard 1200	1200 x 600		on request
HERADESIGN® <i>superfine A2</i> thickness 25 mm	Corner part	600 x 600 x 125	on pallet 1200 x 600 mm, max. height 1170 mm	on request
	Side part 600	600 x 600 x 125		on request
	Side part 1200	1200 x 600 x 125		on request
	Standard 600	600 x 600		on request
	Standard 1200	1200 x 600		on request

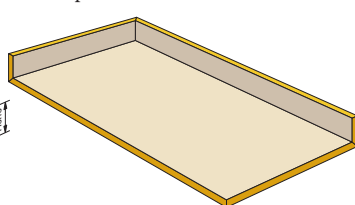
HERADESIGN® Ceiling rafts

¹⁾ Edge design AK-01

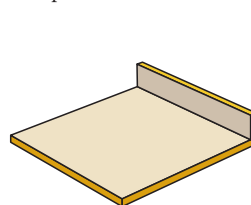
Side part 1200



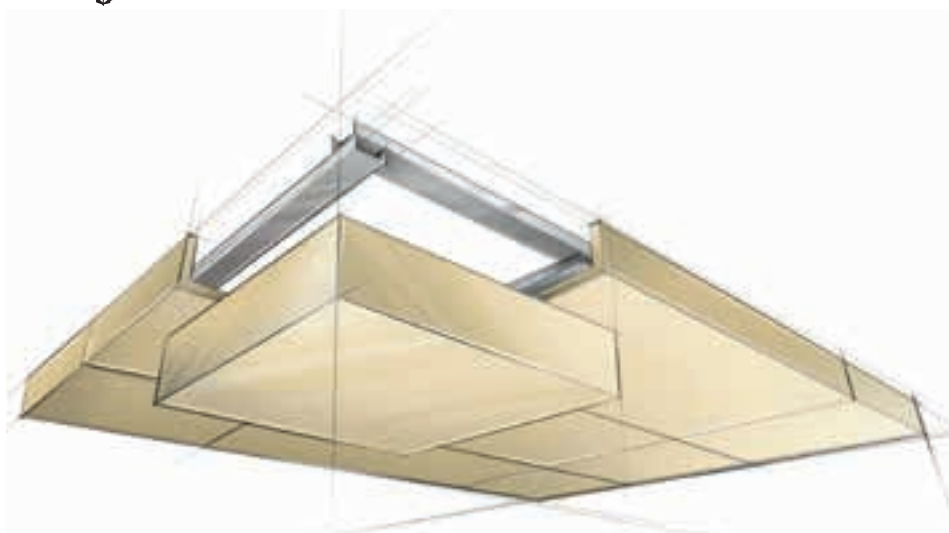
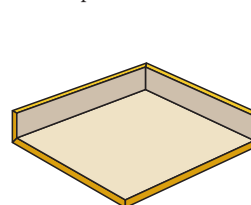
Corner part 1200



Side part 600



Corner part 600



Ceiling raft assembly set includes grid structure and suspension ³⁾

Ceiling raft size: 2400 x 1200 mm

Standard colour: white similar to RAL 9010 or beige natural tone 13 ²⁾

HERADESIGN® Ceiling rafts – assembly set

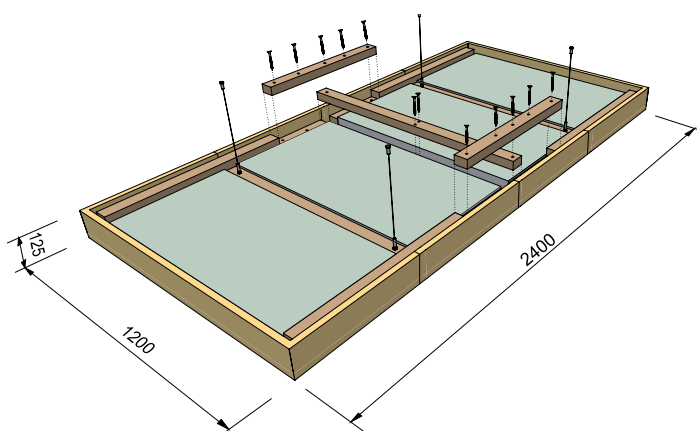
Plate	Format ¹⁾ Length x Width x Height mm	Package Pcs./m	List price in €
HERADESIGN® <i>fine</i>	2400 x 1200 x 125. thickness 25 mm	integration kit on pallet 1200 x 1200 mm	on request
HERADESIGN® <i>superfine</i>			on request
HERADESIGN® <i>fine A2</i>			on request
HERADESIGN® <i>superfine A2</i>			on request

1) Edge design AK-01

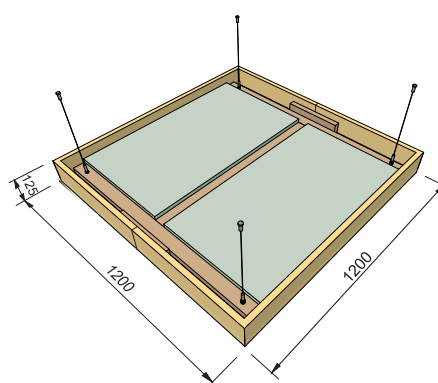
2) Surcharge for other colours/special colours: 25.00 €/ceiling raft

3) Fixings to fix the individual hangers to the ceiling are not included in the set and should be selected according to the soffit.

HERADESIGN® Sonic element 2400 x 1200



HERADESIGN® Sonic element 1200 x 1200



HERADESIGN® Holding profile ²⁾

Wall and ceiling installation system in Aluminium for concealed installation of 1-layer HERADESIGN® acoustic tiles ³⁾

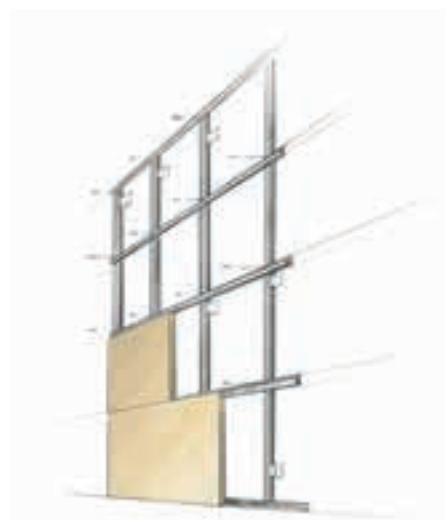
Designation – System parts	Length mm	Package Pcs. m		List price in €	
Profile					
Basic profile L 60/40/1.8	3000	10	30.00	per lin. m	on request
Main profile	3000	10	30.00	per lin. m	on request
Edge profile	3000	10	30.00	per lin. m	on request
Fixing					
Spacer bar		50		per carton	on request
Drilling screw 4.8/20 mm ⁴⁾		200		per carton	on request

2) Holding profile suitable for wall and ceiling installation

3) Edge design SY-02

4) Stainless steel, square drilling screws to fix to the Alu-profile

5) Note: Not suitable for swimming pools



Processing information and installation instructions

HERADESIGN® acoustic panels are delivered to the building site carefully packed and quality tested. However, a high-quality ceiling or ceiling design also depends on exact processing and suitable working environment. Only careful work and high product quality standards ensure an excellent result.



Material and humidity

Due to the organic nature of wood as a component in **HERADESIGN®** panels, minor deviations in size cannot be ruled out. Particularly in strongly fluctuating humidity, the panels may shrink or swell to a small degree.

Production tolerances:

For nominal sizes (length/width/thickness): ± 1 mm,

For lengths over 1250 mm: length ± 2 mm;

width/thickness ± 1 mm

Final shrinkage in a standard climate of 23° C and 50% rel. humidity:

Change of length: max. $\pm 1\%$

Change of width: max. $\pm 3\%$

Colour and texture

Due to the organic nature of the raw materials magnesite and wood, differences in colour and texture may occur. The direction of installation (ideal grain direction), marked by an arrow on the back of the panel, must be observed for square panels.

Compared to standard products, A2 products have a more random surface texture. Acoustic panels with the fibre textures *macro*, *superfine*, *fine*, *fine A2* and *superfine A2* can also be painted many times without losing their outstanding sound absorption properties.

Colour quality

Interior emulsion paint is used for colouring **HERADESIGN®** acoustic panels in standard white, while silicate paints based on potassium silicate with an organic binding agent additive are used for colouring **HERADESIGN®** acoustic panels in natural tones, pastel colours or solid colours. For applications with constant relative humidity between 80% and 90% the paint should be used with a BFA additive.

For sheltered external applications, exterior paint must be used.

Storage and installation conditions

The installation of **HERADESIGN®** acoustic panels is part of dry work and interior decorating and may only be carried out under controlled humidity and temperature conditions. All dust-producing construction measures must be completed before starting installation. It must no longer be possible for moisture or rain water to penetrate. Furthermore, before starting installation work, a closed building envelope has to be ensured and all screed work and internal plastering must have been completed at least 14 days previously. Only install panels in rooms where the following conditions are assured:

For heated or air-conditioned rooms: maximum relative humidity 75%, temperature at least + 7° C.

For unheated rooms: maximum relative humidity 85%, temperature at least + 5 °C.

Conditioning and acclimatisation: The panels need to be stored with the packaging removed for at least three days in the room where they are to be installed, and under the same climatic conditions as when the room will be in use (including where heating and air conditioning are used).

The maximum installation moisture of the **HERADESIGN®** acoustic panels must not exceed 15% by weight.

Application limits

HERADESIGN® acoustic panels are suitable for applications up to a constant relative humidity of 90%.



Extensive detailed information on system structures, certificates and assembly can be found at www.heradesign.com and in the **HERADESIGN®** Installation Guide.

room atmosphere
nature
acoustics
wall mounting architecture design
ceiling systems wood wool

“In the green zone”

By using high-quality raw materials and innovative production technologies, **HERADESIGN®** wood wool acoustic panels offer a multitude of design possibilities and applications.

Thanks to their outstanding sound absorption, as well as the use of sustainable materials and technologies, the **HERADESIGN®** acoustic solutions make a major contribution to the improvement of the ambience of a room. They increase well-being and, as a result, improve concentration, efficiency and performance.

HERADESIGN® acoustic solutions are ecologically sound and completely harmless as regards building biology. Acoustics and design with a clear, “green conscience”!

Wood, magnesite and water are the principal components of the **HERADESIGN®** acoustic panels – so they are completely harmless in terms of building biology. **HERADESIGN'S®** magnesite bonded wood wool panel is a natural product in line with the current trend for sustainable materials. Besides studying the phenomenon of noise and acoustics, for us this means the development of sustainable, acoustically optimised solutions. Acoustics is one of the most important factors that influences the well-being, mood and temper of people – even if we do not perceive it consciously.

HERADESIGN® acoustic panels can prove a durability of more than 80 years in buildings, and since 2010 **HERADESIGN®** has been offering a 15 year warranty on the functionality of all wood wool products. In case it should one day become necessary: magnesite bonded wood wool panels can also be recycled. Because, when talking about sustainability in the building industry, the topic of disposal is becoming more and more important. Acoustics and design with a clear, ‘green conscience’!



Algemene verkoopvoorwaarden

1. BESTELLINGEN

Behoudens afwijkend schriftelijk beding onzentwege worden al onze aanbiedingen en overeenkomsten die mondeling, per brief, fax of via elektronische datatransmissie, hetzij rechtstreeks of door tussenkomst van onze agenten overgemaakt werden, slechts bindend na uitdrukkelijke schriftelijke bevestiging onzentwege. Elke latere wijziging zal het voorwerp uitmaken van een afzonderlijke schriftelijke bevestiging door ons. De specificaties van onze producten, welgekend en te volgen door onze koper, zijn vervat in onze meest recente aangeboden of deze van de producent weergegeven technische en commerciële productspecificaties. Niettegenstaande een hoge mate aan zorgvuldigheid aan de dag wordt gelegd om deze info up-to-date te houden, kan Albintra hieromtrent geen aansprakelijkheid ten laste worden gelegd. Wij raden wel aan bij de minste twijfel over de juistheid van de weergegeven informatie ons te raadplegen. Bij schrapping van de bestelling door de koper zijn wij gerechtigd de betaalde voorschotten integraal te behouden. Zonder te verzaken aan ons recht op volledige vergoeding van elke geleden schade, behouden wij tevens het recht om een minimum van 10 % van de totale bestelwaarde op te eisen, en dit bovenop de gebeurlijke kosten voor reeds gemaakte matrijzen, de aangekochte grondstoffen en andere bestanddelen.

2. INONTVANGSTNAME EN AANVAARDING

De inontvangstneming en aanvaarding der koopwaren geschiedt of wordt geacht te geschieden door de koper en op zijn kosten vóór de verzending of de ter beschikking stelling in onze fabrieken of magazijnen.

3. LEVERINGEN

De leveringstermijn wordt bepaald door het verkoopcontract. Bij onvoorziene omstandigheden, zowel bij ons als bij onze leveranciers, die de fabricatie of de verzending der koopwaren zouden vertragen, behouden wij ons het recht voor de termijn te verlengen met een duur gelijk aan deze van het beletsel. De leveringstermijn neemt een aanvang vanaf ontvangst door ons vanwege de koper van alle vereiste gegevens voor de uitvoering van de bestelling. Na het verstrijken van de leveringstermijn, wordt de koopwaar ter beschikking gesteld van de koper. Bij gebrek aan onderrichtingen van zijnentwege worden de koopwaren verondersteld door hem in ontvangst genomen en aanvaard te zijn, en zullen ze opgeslagen worden in een magazijn of warenhuis van onze keuze, op zijn kosten en risico. De koopwaren worden altijd vervoerd op risico van de koper, zelfs indien de verkoop franco geschiedde, het vervoer geschiedt op de wijze en met de middelen door ons bepaald.

4. BETALING

Tenzij anders bepaald in onze bijzondere verkoopvoorwaarden, zijn onze facturen steeds contant betaalbaar zonder inhouding van een korting voor 'contante betaling'. De niet-betaling van een vervallen factuur geeft ons het recht de onmiddellijke en volledige betaling te eisen van al wat ons verschuldigd is, niettegenstaande afwijkende voorwaarden die mogelijkerwijs werden toegestaan. Wanneer het gaat om een gedeeltelijke levering, behouden wij ons het recht voor het saldo van de leveringen niet meer uit te voeren, en dit zonder enige vergoeding te moeten betalen aan de koper, en met behoud van alle rechten die ons krachtens bovenvermelde rubriek "Bestellingen" toekomt. Tevens hebben wij het recht alle afgesloten contracten te verbreken zonder enige schadeaanspraak vanwege de klant. Elke factuur die op haar vervalddag niet betaald werd zal automatisch verhoogd worden met 10 % op het totale factuurbedrag met een minimum van 25,00 EUR en dit zonder aanmaning. Op dit verhoogde bedrag is bovendien vanaf de vervalddag een intrest van 10 % per jaar verschuldigd en dit zonder voorafgaande aanmaning.

5. PRIJZEN

Behoudens tegengesteld schriftelijk beding betreffen onze prijzen en prijsquoteringen de levering ex magazijn en omvatten zij niet de taksen, belastingen en andere rechten en heffingen. Behoudens afwijkend schriftelijk beding van onzentwege, vallen de vervoer- en verwante kosten (verzekering, behandelingen bij gelegenheid van vervoer, opslag en bewaking) ten laste van de klant. Wij behouden ons het recht voor op elk ogenblik prijzen en prijsquoteringen te wijzigen om reden van verhoging der lonen en sociale lasten of van de kostprijs der grondstoffen of andere bestanddelen. Elke nieuwe last opgelegd door de overheid (zoals bvb. verhoging der taksen, invoerrechten, belastingen, rechten, vergunningskosten, enz.) en die niet bestond bij het afsluiten van het contract valt ten laste van de klant.

6. KLACHTEN

Alle klachten dienen per aangetekende brief te geschieden, en zulks ten laatste binnen de acht dagen na datum van levering. Na genoemde termijn zal geen enkele klacht meer in overweging genomen worden en zullen de leveringen als aanvaard beschouwd worden. Na uitvoering van orders zullen klachten inzake kwaliteit en afmetingen in relatie tot en conform met de geplaatste bestelling (behoorlijk opgesteld, bevestigd en door klant gekend en dusdanig goedgekeurd) niet aanvaard worden. De geleverde goederen zullen alleszins als definitief aanvaard worden beschouwd en derhalve kunnen klachten niet meer worden aanvaard, indien de klant de door ons geleverde goederen verder verkoopt of indien zij door hemzelf of in zijn opdracht op één of andere wijze worden verwerkt.

7. EIGENDOMSVOORBEHOUD

Het eigendomsrecht van de geleverde goederen en uitgevoerde diensten gaat slechts over op de klant nadat deze alle aan ons verschuldigde bedragen, intresten, schadebedingen e.d. volledig heeft voldaan. Zonder voldaan te hebben aan deze verplichting is ingebruikname door de klant niet toegelaten en blijven alle leveringen en diensten onze uitsluitende eigendom, zelfs indien deze onroerend zijn geworden door bestemming of incorporatie.

8. GESCHILLEN

Elk geschil behoort tot de uitsluitende bevoegdheid van de Antwerpse rechtbanken. Door een wissel te trekken op de koper, verzaken wij niet aan deze beschikking van uitsluitende bevoegdheid. Wij behouden ons nochtans het recht voor elk geschil aan een andere rechts-macht, evenzeer bevoegd, te onderwerpen.

9. WIJZIGING DER ALGEMENE VOORWAARDEN

De afsluiting van een contract betekent de aanvaarding van de algemene en bijzondere verkoopvoorwaarden. Elke wijziging hieraan moet door ons uitdrukkelijk aanvaard en schriftelijk bevestigd. De wijziging van enkele van deze voorwaarden vermindert in niets de wettelijke verbindende kracht jegens de contractuele partijen, zowel van het geheel als van de algemene voorwaarden individueel genomen. De koper verzaakt eraan zijn eigen algemene voorwaarden, eventueel op de rugzijde van zijn bestelbon gedrukt of op eender welke andere wijze door hem gecommuniceerd, in te roepen en zullen in voorkomend geval als niet bestaande worden beschouwd.

Conditions générales de vente

1. COMMANDES

Sauf stipulation contraire écrite de notre part, nos offres et engagements transmis verbalement, par lettre, fax ou transmission de données par voie informatique et ce directement ou par l'entremise de nos agents, ne nous engagent qu'après confirmation écrite de commande par nos soins. Toute modification ultérieure fera l'objet d'une confirmation écrite séparée de notre part. Les spécifications techniques de nos produits, bien connues de l'acheteur, sont celles reprises dans nos documents techniques et/ou commerciaux ou ceux de nos fournisseurs. Ils sont le reflet le plus récent de nos connaissances mais ne sauraient en aucune façon engager notre responsabilité. En cas de doute, nous recommandons de vérifier l'exactitude de ces informations auprès de nos services. En cas d'annulation de la commande par l'acheteur, nous nous réservons le droit de conserver intégralement les acomptes versés. Sans préjuger de notre droit de dédommagement intégral de tout préjudice subi, nous nous réservons le droit de réclamer un minimum de 10 % de la valeur totale de la commande en sus du coût des moules déjà fabriqués et des matières premières et autres achetées.

2. RECEPTION ET AGREATION

La réception et l'agréation des marchandises est faite ou censée être faite par l'acheteur et à ses frais avant l'expédition ou la mise à sa disposition en nos usines ou magasins.

3. LIVRAISONS

Le délai de livraison est celui prévu par le contrat de vente. Toutefois, au cas où des événements imprévisibles, chez nous ou nos fournisseurs, retarderaient la fabrication ou l'expédition de la marchandise, nous nous réservons le droit de proroger le délai d'une durée égale à celle de l'empêchement. Le délai de livraison ne commence à courir qu'après la réception de la part de l'acheteur de toutes les données nécessaires à l'exécution de la commande. À l'échéance du délai de livraison, la marchandise est mise à la disposition de l'acheteur. Faute d'instructions de sa part, les marchandises seront supposées réceptionnées et agréées par lui et entreposées dans un magasin ou entrepôt de notre choix à ses frais, risques et périls. Les marchandises voyagent toujours au risques et périls de l'acheteur, même si elles ont été vendues franco et les transports s'effectuent de la façon et par les moyens de notre choix.

4. PAIEMENT

Sauf si stipulé autrement dans nos conditions particulières de ventes, nos factures sont payables au comptant net sans escompte. Le non-paiement d'une facture à son échéance nous donne le droit d'exiger le paiement immédiat et intégral de tout ce qui nous est dû nonobstant les conditions contraires qui pourraient avoir été accordées. S'il s'agit d'une fourniture partielle, nous nous réservons le droit d'annuler le solde des fournitures sans aucune indemnité pour l'acheteur et ce sans préjuger du droit que nous nous réservons ci-dessus à la rubrique "Commandes". De plus nous nous réservons le droit de résilier tous les contrats conclus avec le client sans aucune indemnité pour ce dernier. Toute facture non réglée à l'échéance sera automatiquement majorée de 10 % du montant de celle-ci avec un minimum de 25,00 EUR sans mise en demeure. Le montant de la facture ainsi majorée portera intérêt, depuis la date de son échéance, de 10 % par an sans mise en demeure.

5. PRIX

Sauf convention contraire écrite, tous nos prix et cotations de prix s'entendent pour livraison ex magasin et ne comprennent pas les taxes, impôts et autres droits et prélèvements. Sauf stipulation écrite contraire, les frais de transport et frais afférents (assurance, manipulations à l'occasion du transport, entreposage, garde) sont à charge du client. La société se réserve le droit de modifier à tout moment les prix et cotations de prix pour cause d'augmentation des salaires et charges sociales ou du coût des matières premières ou autres. Toute charge nouvelle, imposée par les autorités (telle qu'augmentation des taxes, droits d'entrée, impôts, redevances, frais de licence, etc.) et qui n'existait pas à la conclusion du contrat sera à la charge du client.

6. RECLAMATIONS

Toute plainte doit être adressée par lettre recommandée dans les huit jours de la date de livraison relative aux fournitures faisant l'objet de la plainte. Passé ce délai, aucune réclamation ne sera plus admise et les fournitures seront considérées comme acceptées. Après livraison de toute commande, dûment confirmée et acceptée, aucune contestation sur la qualité ou les dimensions sera prise en considération. Les marchandises livrées seront de toute manière considérées comme définitivement acceptées et par conséquent aucune réclamation ne sera plus acceptée, dans le cas où le client aura revendu les marchandises livrées ou les aura mis en œuvre d'une quelconque manière.

7. RESTRICTION DU DROIT DE PROPRIÉTÉ

Le droit de propriété des marchandises fournies et des services rendus n'est concédé au client qu'après le règlement intégral à notre société de tous les montants.

8. JURIDICTION

Tout différend éventuel sera du ressort exclusif des tribunaux d'Anvers. En faisant traite sur l'acheteur, nous ne renonçons pas à cette disposition de compétence exclusive. Nous nous réservons toutefois le droit de soumettre tout litige à toute autre juridiction également compétente.

9. MODIFICATIONS DES CONDITIONS DE VENTE

La conclusion d'un contrat implique l'acceptation de nos conditions générales et particulières de vente. Toute modification de celles-ci doit être acceptée par nous expressément et confirmée par écrit. La modification de certaines de ces conditions ne diminue en rien la valeur légale vis-à-vis des parties contractantes tant de l'ensemble que des conditions générales prises individuellement. L'acheteur renonce à invoquer ses propres conditions, éventuellement imprimées au dos de son bon de commande, ou toutes autres, qui seront censées non avenues.







Service, Support, Logistics – Centre of expertise in Europe and on-site sales networks worldwide



The acoustic ceiling specialist Knauf AMF, with its global sales and service network, offers on-site, solution orientated and timely advice for architects, specialist contractors, distributors and developers.

With us, you are always a ceiling solution ahead!

No responsibility or liability is accepted for the accuracy of the information provided.
Subject to change without prior notice.

03/2019

Alle vermeldingen zijn onder voorbehoud, veranderingen & drukfouten behouden wij ons voor.
Prijzen geldig voor leveringen t/m 31-12-2019.

Albintra
WE DELIVER BUILDING EXPERTISE.

Bistweg 80
B-2520 BROECHEM

Tel. 03-470 12 12
Fax 03-470 12 00

e-mail: info@albintra.be
www.albintra.be

Knauf AMF GmbH & Co. KG
Elsenthal 15, 94481 Grafenau
Germany

Tel.: +49 8552 422-0
Fax: +49 8552 422-32

info@knaufamf.com
www.knaufamf.com

Knauf AMF Deckensysteme GmbH
9702 Ferndorf 29
Austria
Tel.: +43 4245 2001-0
info@knaufamf.at