



TEX

Acoustic tiles

Designed by our in-house design team, our acoustic tiles are hard-wearing and versatile with a range of shapes and sizes to match your needs. You have complete creative flexibility over the design layout of the tiles, for example the rectangular tiles could be applied in a brick, herringbone, linear, vertical, horizontal or diagonal pattern. In addition, multiple felt colours can be chosen to create different effects.

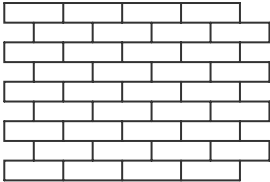


Features

- ▶ Available in 12mm and 24mm thickness
- ▶ Made from 60% recycled PET
- ▶ Noise Reducing Co-efficient (NRC) 0.45
- ▶ Different mounting options available to increase NRC rating
- ▶ Large range of designs to choose from or create your own bespoke design
- ▶ Not affected by moisture, mould or mildew
- ▶ No formaldehyde binders
- ▶ Low VOCs
- ▶ Easy to install with contact adhesive
- ▶ Fire Rating EN 13501-1:2007+a1:2009 - B, s1, d0 ASTM E84 -16 - Class A
- ▶ REACH: Pass
- ▶ BIM/Revit files available to download from www.allsfar.com

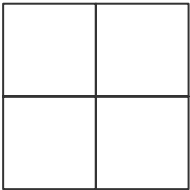
Brick V

SIZE (mm)	PACK SIZE	M² PER PACK
1200 x 800	3	2.56



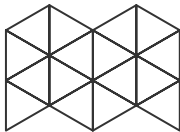
Squares

SIZE (mm)	PACK SIZE	M² PER PACK
200 x 200	72	2.88
400 x 400	18	2.88
600 x 600	8	2.88
800 x 800	3	1.92
1200 x 1200	2	2.88



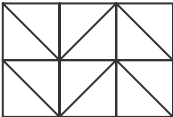
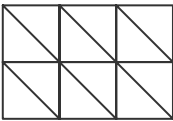
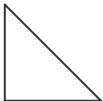
Equilateral Triangle

SIZE (mm)	PACK SIZE	M² PER PACK
346 x 346 x 346	52	2.7
462 x 462 x 462	27	2.48
693 x 693 x 693	12	2.52
1200 x 1200 x 1200	3	1.86



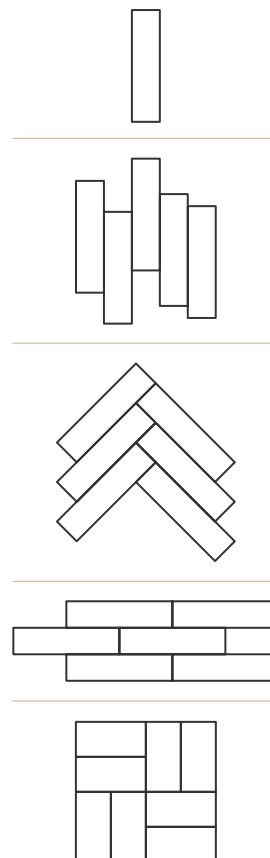
Triangles (half square)

SIZE (mm)	PACK SIZE	M² PER PACK
200 x 200	144	2.88
300 x 300	64	2.88
600 x 600	16	2.88
1200 x 1200	4	2.88



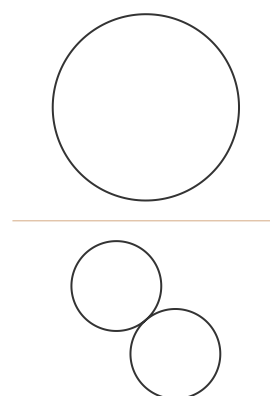
Rectangles

SIZE (mm)	PACK SIZE	M ² PER PACK
150 x 600	32	2.88
150 x 800	24	2.88
150 x 1000	18	2.7
150 x 1200	16	2.88
150 x 2400	8	2.88
200 x 600	24	2.88
200 x 800	18	2.88
200 x 1000	14	2.88
200 x 1200	12	2.8
200 x 2400	6	2.88
300 x 600	16	2.88
300 x 800	12	2.88
300 x 1000	9	2.7
300 x 1200	8	2.88
300 x 2400	4	2.88
400 x 600	12	2.88
400 x 800	9	2.88
400 x 1000	7	2.8
400 x 1200	6	2.88
400 x 2400	3	2.88
600 x 800	6	2.88
600 x 1000	4	2.4
600 x 1200	4	2.88



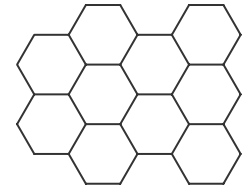
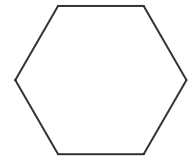
Circles

DIAMETER (mm)	PACK SIZE	M ² PER PACK
200	72	2.23
300	32	2.27
400	18	2.34
600	8	2.24
1200	2	2.26



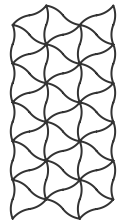
Hexagon

SIZE (mm)	PACK SIZE	M ² PER PACK
219 x 253	63	2.58
320 x 369	28	2.49
594 x 686	7	2.17



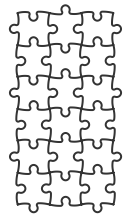
Propeller

SIZE (mm)	PACK SIZE	M ² PER PACK
400 x 400 x 400	30	2.52



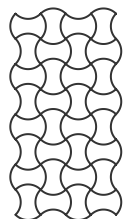
Jigsaw

SIZE (mm)	PACK SIZE	M ² PER PACK
507 x 366	20	2.1



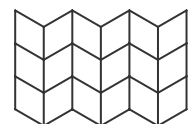
Bowtie

SIZE (mm)	PACK SIZE	M ² PER PACK
384 x 272	32	2.37



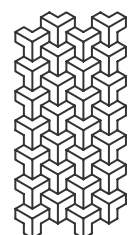
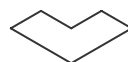
Diamond

SIZE (mm)	PACK SIZE	M ² PER PACK
300 x 173	104	2.7
400 x 231	60	2.77
600 x 346	24	2.49



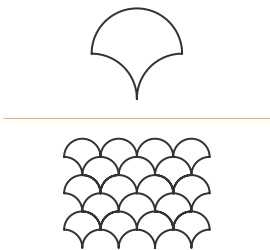
Interlocking Cube

SIZE (mm)	PACK SIZE	M ² PER PACK
365 x 158	84	2.42



Scallop

SIZE (mm)	PACK SIZE	M² PER PACK
300 x 300	53	2.36

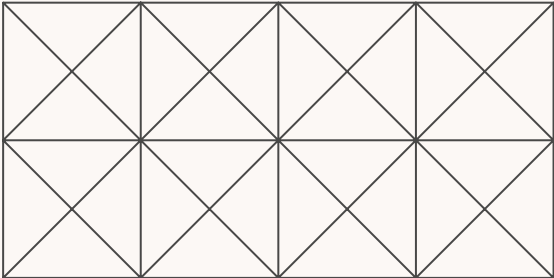
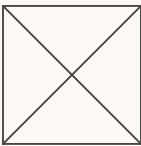


Square tiles designs

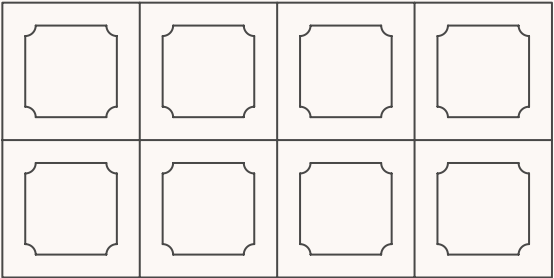
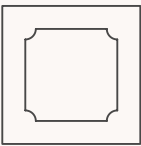
All designs are supplied as a 600 x 600mm square. There is a V pattern applied to each tile which can be either a 3mm V or 6mm V. We are also able to apply Camira Sonus fabric to the face then apply the V cut providing a dual colour option.

DESCRIPTION	PACK SIZE	M² PER PACK
Square tiles	8	2.88

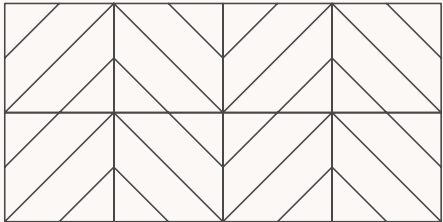
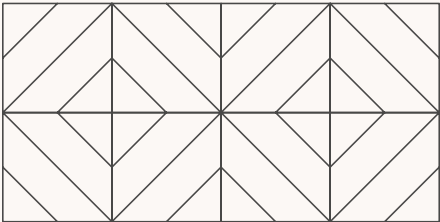
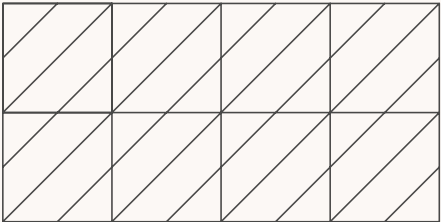
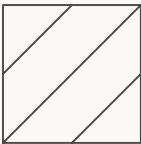
Square with x



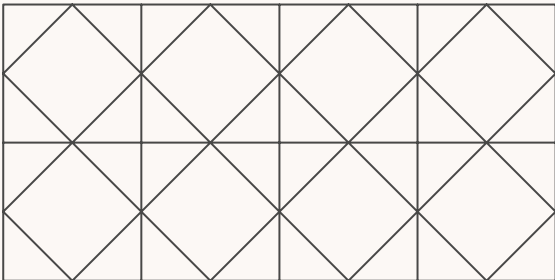
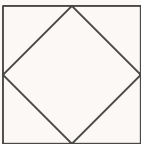
Square with inverse corners



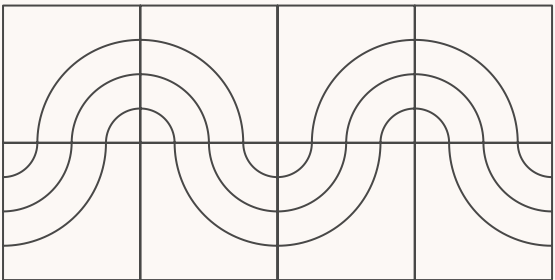
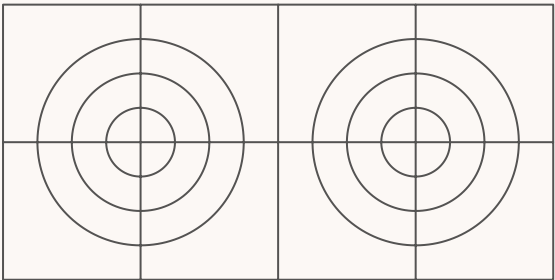
Square with diagonal lines



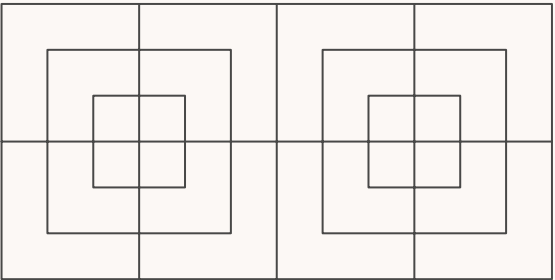
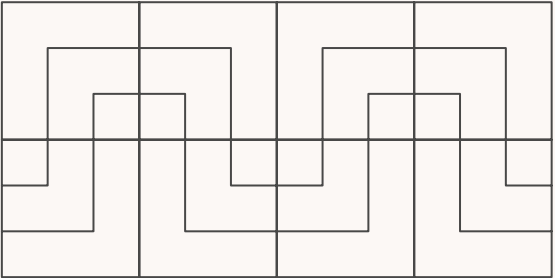
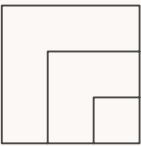
Square with diagonal square



Square with curved lines



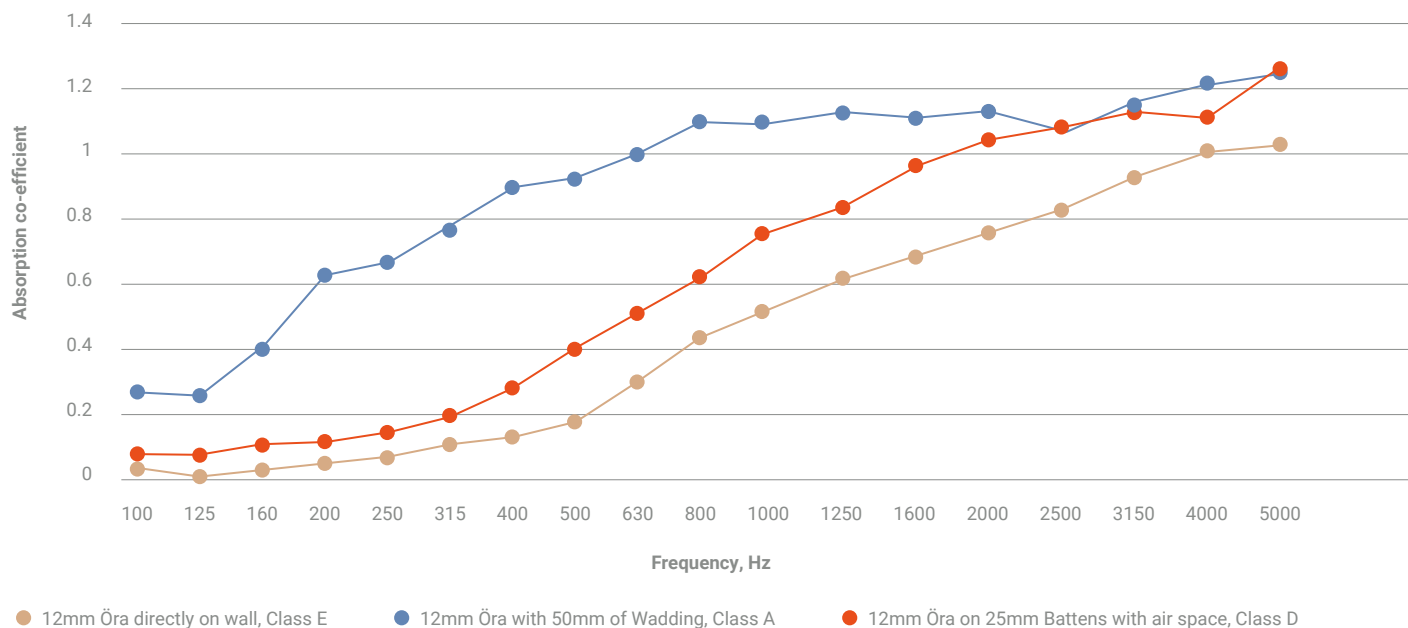
Square with corners



Colours



ÖRA SOUND ABSORPTION TO BS EN ISO 354:2003



12MM ÖRA DIRECTLY ON WALL

Freq Hz	Absorb Coeff α_s
50*	0.01
63*	-0.03
80*	0.01
100	0.02
125	0.00
160	0.02
200	0.04
250	0.06
315	0.10
400	0.12
500	0.18
630	0.33
800	0.43
1000	0.51
1250	0.61
1600	0.68
2000	0.75
2500	0.83
3150	0.93
4000	1.01
5000	1.03
6300*	1.08
8000*	1.11
10000*	1.24

12MM ÖRA WITH 50MM OF WADDING

Freq Hz	Absorb Coeff α_s
50*	0.11
63*	0.13
80*	0.27
100	0.26
125	0.25
160	0.41
200	0.62
250	0.66
315	0.78
400	0.89
500	0.93
630	1.00
800	1.08
1000	1.07
1250	1.10
1600	1.09
2000	1.11
2500	1.07
3150	1.15
4000	1.21
5000	1.25
6300*	1.52
8000*	1.46
10000*	1.68

12MM ÖRA ON 25MM BATTENS WITH AIR SPACE

Freq Hz	Absorb Coeff α_s
50*	0.02
63*	0.03
80*	0.05
100	0.05
125	0.05
160	0.08
200	0.09
250	0.12
315	0.17
400	0.26
500	0.40
630	0.55
800	0.70
1000	0.82
1250	0.89
1600	1.00
2000	1.04
2500	1.09
3150	1.12
4000	1.10
5000	1.26
6300*	1.49
8000*	1.58
10000*	1.60

* Denotes frequencies outside the range covered

Accessories and Specification for all Acoustic Surface products

ADHESIVES – tried and tested adhesive for applying Öra to the wall or ceiling

CODE	DESCRIPTION	SIZE
ORCA	High temp contact adhesive, fire retardant	500ml
ORCA22	High temp contact adhesive drum, fire retardant (spray gun below required)	22ltr.
ORSG	Professional spray gun with 4m hose (reusable with 22ltr. drums)	-

Note: allow approx. one 500ml can per panel, 22ltr. Drum for large projects or regular installs.

ACCESSORIES

CODE	DESCRIPTION	DIMENSIONS (mm)
WAD25	25mm acoustic wadding	2400 x 1200

INSTALLATION & CARE INSTRUCTIONS FOR ÖRA WALL COVERINGS

Tools required:

- Contact Adhesive
- Sharp Stanley knife
- Straight edge
- Spirit Level

Method:

- 1 Ensure all surfaces are clean and free from dust.
- 2 Plan your installation:
 - a Particularly for Öra Mural, ensure you have the panels in the correct order.
 - b Identify the best place to start, whether that be off a wall or in the centre.
 - c Using a spirit level – ensure the starting wall is plum or draw a plumb line to ensure accurate installation.
 - d Identify any sockets or light switches which will need to be cut around.
- 3 Accurately cut your first panel if cutting is required and offer up to ensure accuracy.
- 4 Spray the wall and the back of the felt with contact adhesive holding it approximately 10cm away. Wait 1-2 minutes for the adhesive to dry.
- 5 Carefully position the felt and press to the wall with the palms of your hand.
- 6 Repeat with the next panels.

NOTES

- Other adhesives can be used including AC50, hot melt glue and silicon or polymer-based adhesives; test a small area first.
- Thin pins can be used to temporarily hold panels back while the adhesive sets. This will not be required if using contact adhesive.
- By cutting a V shape in the back of the felt panel they can be bent around external corners.

CLEANING

- For dust use a vacuum cleaner with a soft brush attachment.
- For light soiling use clean warm water and a sponge to wipe away dirt.
- For medium soiling use an upholstery cleaner on the soiled area then wipe clean using warm water and a sponge.
- For heavy soiling use an upholstery wet and dry vacuum cleaner with upholstery cleaning solution to spray and vacuum the affected area.

NB For all options it is important to test an inconspicuous area first.

GUARANTEES

AllSfär guarantee its products against material or manufacturing faults. At AllSfär's sole discretion, AllSfär will repair or replace with comparable materials any product or component which fails under normal use in a single shift environment as a result of a defect in the materials or workmanship. A five-year manufacturer's guarantee applies to ÖRA wall coverings and DIFFUSE acoustic furniture. AllSfär also offer a two-year guarantee on all moving parts. The full Warranty Policy is available on request from AllSfär Customer Services.

SPECIFICATIONS

Whilst every care is taken to ensure accuracy, all dimensions are approximate and, as a consequence, AllSfär cannot be held responsible for errors. As part of our policy for continued improvement AllSfär reserve the right to make any changes, without notice, to specifications or designs that it considers reasonable. Any such changes will not affect the validity of the contract.

ALLSFÄR