



Öra Plain & Bespoke

Acoustic wall coverings

Öra Plain is an ideal solution for introducing big, bold elements of colour to any space and comes in a range of vibrant colours to complement your colour scheme. Our Bespoke printing option allows you to print any design or logo and is an innovative way to reflect company brand and culture.





Features

- ▶ Available in 12mm and 24mm thickness
- ▶ Bespoke Panels 2400mm x 1200mm, Plain panels 2440mm x 1220mm
- ▶ Made from 60% recycled PET
- ▶ Different mounting options available to increase NRC rating
- ▶ Noise Reducing Co-efficient (NRC) 0.45
- ▶ Available in a range of vibrant modern colours
- ▶ Can be cut to any shape and size
- ▶ Cost-effective, creative way to manage acoustics without compromising on visual impact
- ▶ Bespoke printing offers the ultimate option for personalisation in noise management
- ▶ 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
- ▶ Specialist high definition printing process delivers vivid colours without compromising either acoustic performance or image quality
- ▶ Pinnable surface

Öra Bespoke

DESCRIPTION	DIMENSIONS (mm)
Bespoke Design	2400 x 1200 x 12

Öra Plain

CODE	DESCRIPTION	DIMENSIONS (mm)
ORA12*	Öra Plain 12mm	2440 x 1220 x 12
ORA24**	Öra Plain 24mm	2440 x 1220 x 24

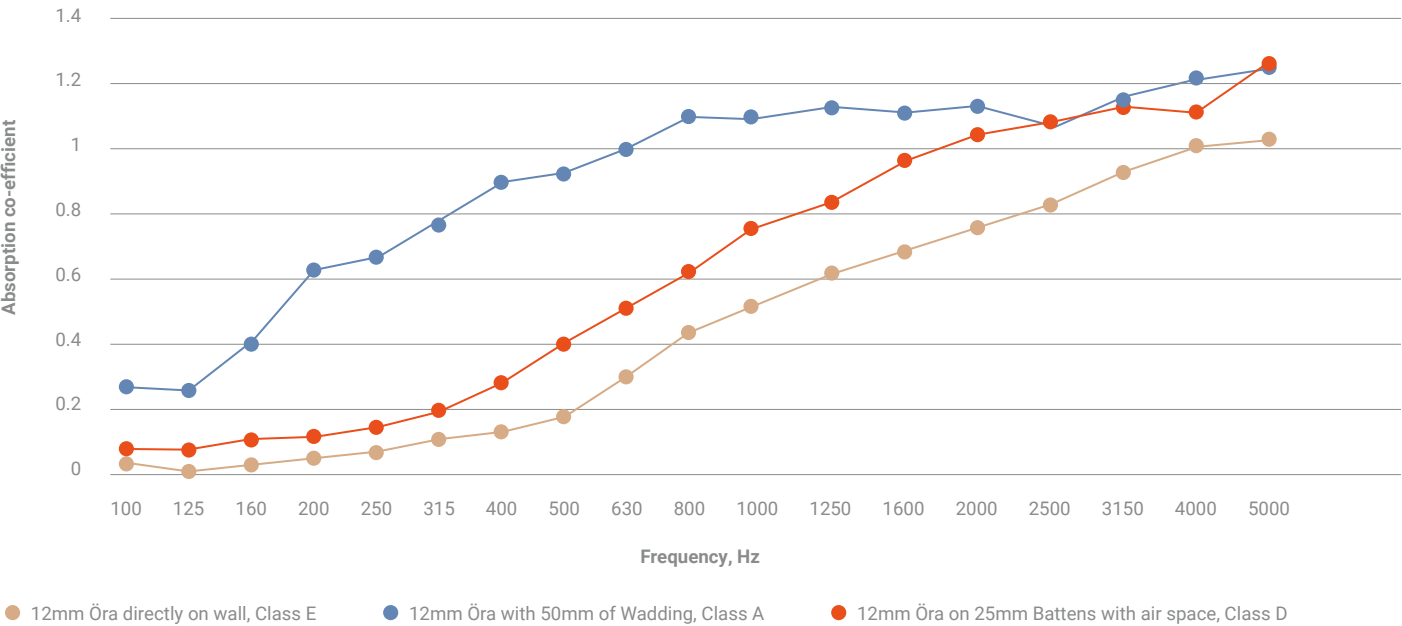
* Please include colour name in order description.
** Please include colour name in order description. Only available in Dove White, Sanderling Grey and Skua Grey.

Colours



Accessories and Specification for all Acoustic Surface products

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

* Denotes frequencies outside the range covered

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

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.