



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
- ▶ 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, Heron Grey, Sanderling Grey and Skua Grey.

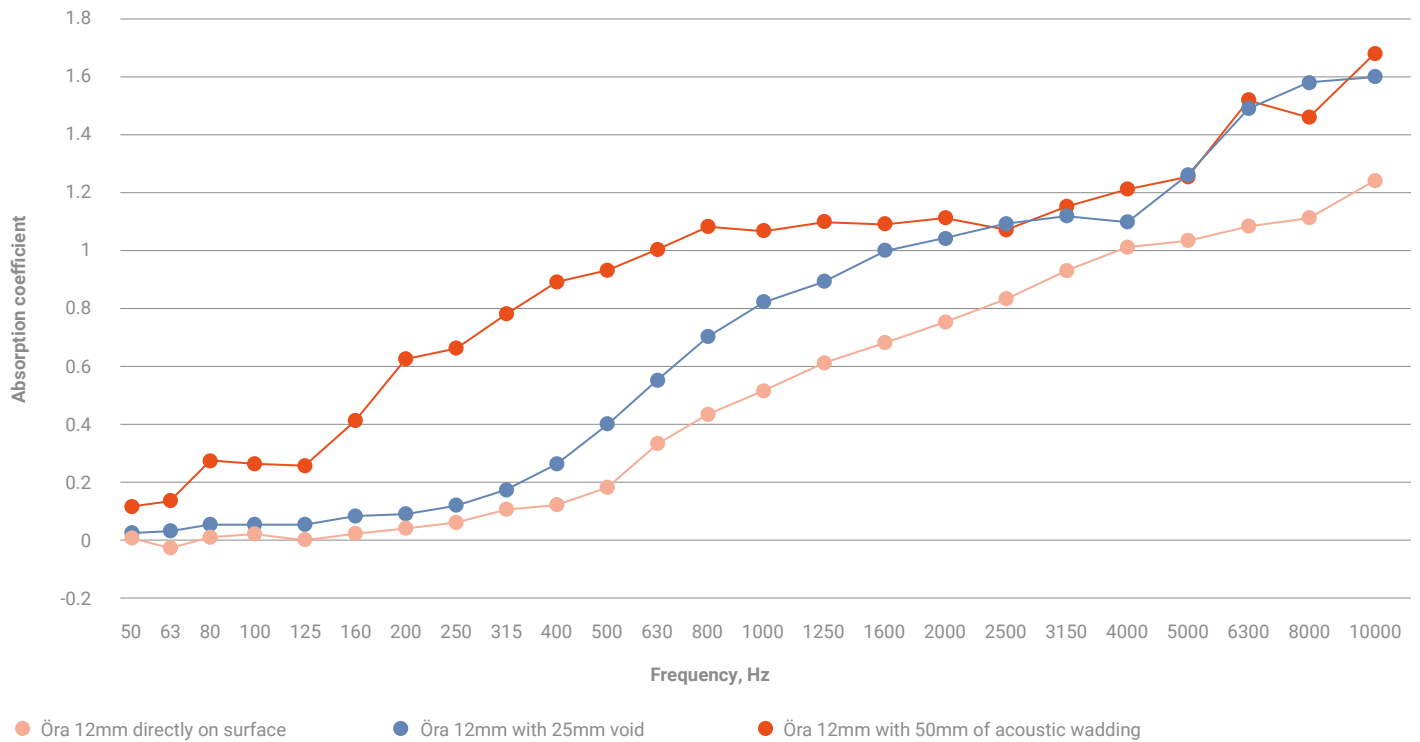
Colours



* Please include the felt colour you require with your request.

Accessories and Specification for all Acoustic Surface products

ÖRA PLAIN & BESPOKE 12MM ACCOUSTIC WALL COVERINGS SOUND ABSORPTION COEFFICIENT



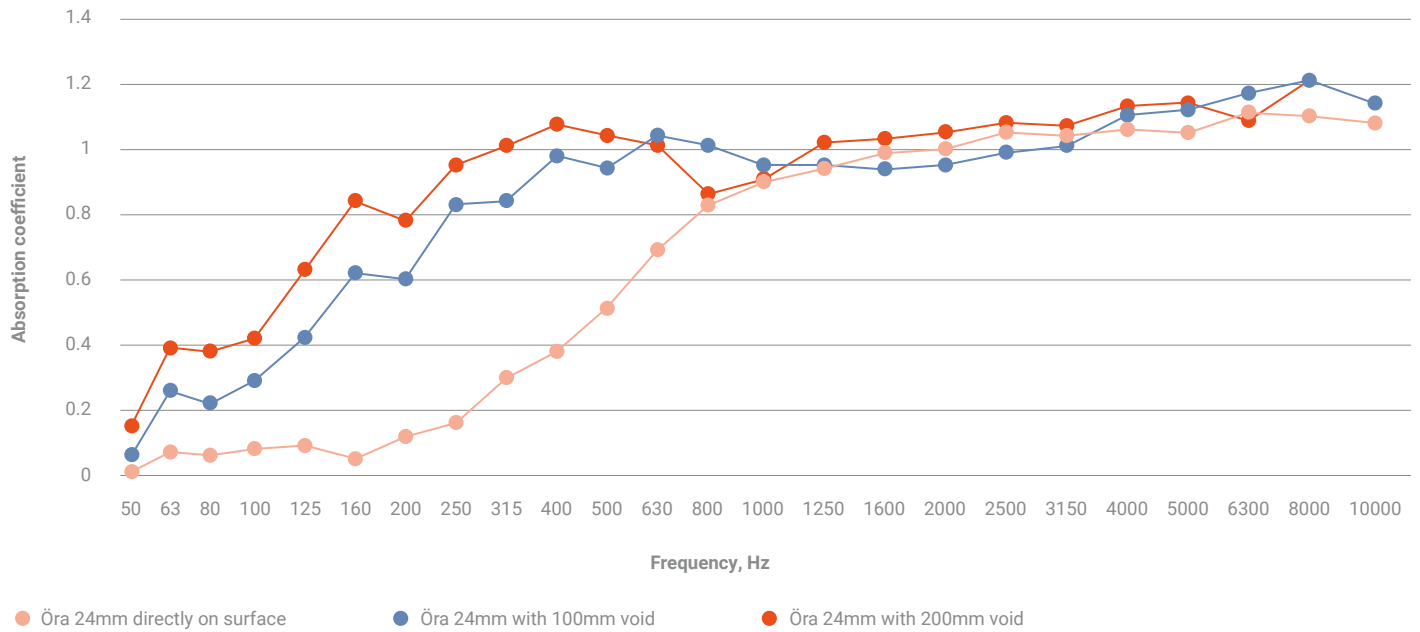
ÖRA PLAIN & BESPOKE 12MM ACCOUSTIC WALL COVERINGS SOUND ABSORPTION COEFFICIENT

ÖRA 12MM DIRECTLY ON SURFACE
 ÖRA 12MM WITH 25MM VOID
 ÖRA 12MM WITH 50MM OF ACOUSTIC WADDING

Freq Hz	Absorb Coeff α_s	Absorb Coeff α_s	Absorb Coeff α_s
50	0.01	0.02	0.11
63	-0.03	0.03	0.13
80	0.01	0.05	0.27
100	0.02	0.05	0.26
125	0.00	0.05	0.25
160	0.02	0.08	0.41
200	0.04	0.09	0.62
250	0.06	0.12	0.66
315	0.10	0.17	0.78
400	0.12	0.26	0.89
500	0.18	0.40	0.93
630	0.33	0.55	1.00
800	0.43	0.70	1.08
1000	0.51	0.82	1.07
1250	0.61	0.89	1.10
1600	0.68	1.00	1.09
2000	0.75	1.04	1.11
2500	0.83	1.09	1.07
3150	0.93	1.12	1.15
4000	1.01	1.10	1.21
5000	1.03	1.26	1.25
6300	1.08	1.49	1.52
8000	1.11	1.58	1.46
10000	1.24	1.60	1.68
NRC	0.40	0.60	0.95
Alpha w			
Class	E	D	A

Accessories and Specification for all Acoustic Surface products

ÖRA PLAIN & BESPOKE 24MM ACCOUSTIC WALL COVERINGS SOUND ABSORPTION COEFFICIENT



ÖRA PLAIN & BESPOKE 24MM ACCOUSTIC WALL COVERINGS SOUND ABSORPTION COEFFICIENT

Freq Hz	ÖRA 24MM DIRECTLY ON SURFACE	ÖRA 24MM WITH 100MM VOID	ÖRA 24MM WITH 200MM VOID
	Absorb Coeff α_s	Absorb Coeff α_s	Absorb Coeff α_s
50	0.01	0.06	0.15
63	0.07	0.26	0.39
80	0.06	0.22	0.38
100	0.08	0.29	0.42
125	0.09	0.42	0.63
160	0.05	0.62	0.84
200	0.12	0.60	0.78
250	0.16	0.83	0.95
315	0.30	0.84	1.01
400	0.38	0.98	1.08
500	0.51	0.94	1.04
630	0.69	1.04	1.01
800	0.83	1.01	0.86
1000	0.90	0.95	0.91
1250	0.94	0.95	1.02
1600	0.99	0.94	1.03
2000	1.00	0.95	1.05
2500	1.05	0.99	1.08
3150	1.04	1.01	1.07
4000	1.06	1.10	1.13
5000	1.05	1.12	1.14
6300	1.11	1.17	1.09
8000	1.10	1.21	1.21
10000	1.08	1.14	1.14
NRC	0.65	0.90	1.00
Alpha w	0.50(MH)	0.95	1.00
Class	D	A	A

Accessories and Specification for all Acoustic Surface products

ADHESIVES

As a guide we recommend using high temperature, fire retardant contact adhesive. Allow approximately 500ml for a single panel and 22ltr drum with spray gun and 4m hose for large projects. For more information, please contact us. Other adhesives can be used including AC50, hot melt glue, or silicon or polymer-based adhesives. Please test a small area first.

INSTALLATION & CARE INSTRUCTIONS FOR ÓRA WALL COVERINGS

Tools required:

- Contact Adhesive. Other adhesives can be used including AC50, hot melt glue, or silicon or polymer-based adhesives. Please test a small area first.
- 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 Óra 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

- 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.

GUARANTEES

We guarantee its products against material or manufacturing faults. At our sole discretion, We 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 ÓRA wall coverings and DIFFUSE acoustic furniture. We also offer a two-year guarantee on all moving parts. The full Warranty Policy is available on request.

SPECIFICATIONS

Whilst every care is taken to ensure accuracy, all dimensions are approximate and, as a consequence, We cannot be held responsible for errors. As part of our policy for continued improvement We 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.

Öra Acoustic Surfaces - Cleaning Guide

Our products are extremely durable and require little attention to maintain their good looks. Light dusting on a regular basis will prevent dust build up and most marks can be cleaned with a mild detergent solution followed by rinsing and blotting. Stains should be dealt with according to the chart below.

Before carrying out a proposed cleaning method, apply to a concealed section to ensure it will not affect the product or adhesive. Avoid cleaning methods that create severe abrasion. NB: Solvent and mineral based cleaners should be used sparingly to avoid possible degradation of the adhesive adhering the product to the substrate.

Professional Cleaning Methods

Stain	Treatment Guide
Blood	A, C
Burn/Scorch Mark	K
Chewing Gum	I, B, D, C
Chocolate	B, D, C
Cooking Oils	B, D, C
Crayon/Colour Markers	B, D, C
Drinks	A, C
Dust/Dirt	Vacuum, then J or C
Excrement	B, C
Grass	C
Grease	B, D, C
Ink (ballpoint)	D, E
Ink (fountain)	A, C
Lipstick	B, E, C, D
Mildew	C
Milk	A, E
Mud	B, C
Nail Polish	A, G
Oil	B, D, C
Paint (water based)	A, F, C
Paint (oil based)	A, H, D, C
Sauces	B, C, D
Shoe Polish	B, C, D
Urine	A, C
Vomit	A, C, D
Wine	A, Add Salt, C

Key

- A** Mop up excess as soon as possible with a sponge or cloth.

- B** Remove surplus with a knife edge or appropriate instrument.

- C** Sponge with a solution of carpet shampoo working from well outside the stain in a circular motion towards the centre (this avoids spreading the stain). Sponge afterwards with clean warm water and mop excess moisture with a clean dry cloth or sponge. Allow to dry then brush gently with a soft brush. If any stain remains, sponge with a solution of one part household bleach to six parts clear water. Thoroughly rinse after treatment.

- D** Lightly sponge with household dry cleaning fluid and blot. Apply sparingly, as the substance may have an adverse effect on the adhesive.

- E** Sponge with methylated spirits and blot dry.

- F** Lubricate the stain with glycerine or petroleum jelly.

- G** Apply nail polish remover. The nail polish remover should not include lanolin or be of a greasy nature.

- H** Sponge with turpentine (or substitute).

- I** Freeze with ice cubes and scrape away while cold.

- J** Clean with regular extractive carpet cleaner (if possible).

- K** Use circular cutter and remove damaged portion. Re-glue new piece into place.

