



BROCHURES & GUIDES

PET felt acoustic ceiling baffles: the complete guide.

Baffle kits and single blades in 12mm and 24mm recycled PET felt, in up to 48 colours. Sizes, acoustics, fire rating and how to hang them.

OVERVIEW

Overview.

Felted ceiling baffles are blades of PET felt that hang on edge below the ceiling. Choose a kit of eight shaped blades, or single Rake and Vertical Oblong blades. Every one comes in 12mm or 24mm.

Baffles are a decorative ceiling feature first. Hung in a row, they add colour, rhythm and shadow overhead, and the felt softens how a room sounds, so speech and everyday sound feel less harsh.

Looking for interlocking grids? [See Acoustic Grid Baffles →](#)

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8

baffle designs

48 / 20

colours, 12 / 24mm

12 & 24mm

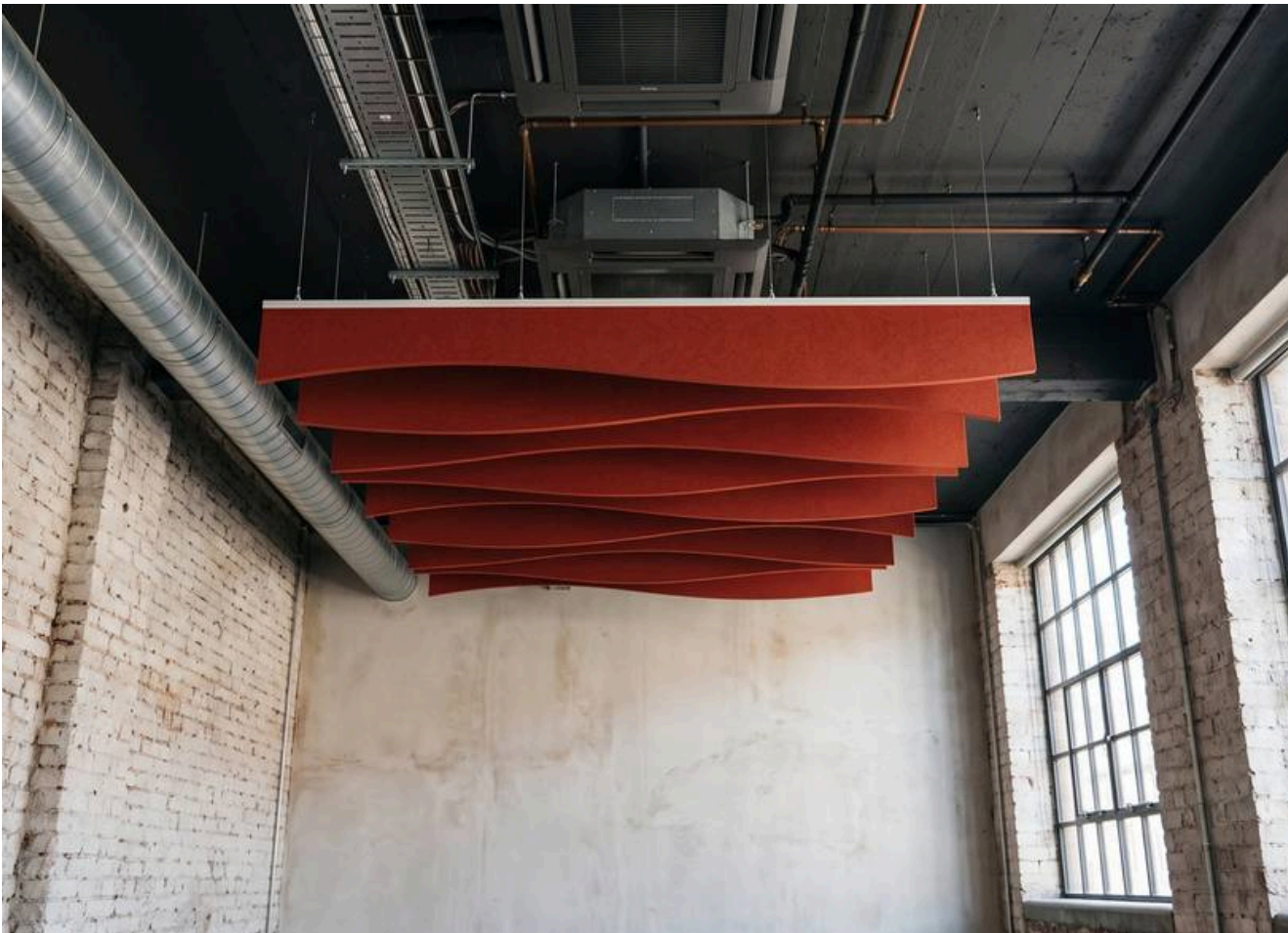
PET felt

B-s1,d0

fire class

75%

recycled PET



Looks.

Start with the edge you want. Some ideas:

Images are 3D renders of the kit layout. Colours on screen are a guide; order a sample pack to see the real felt.

- | | |
|--|---|
| <p>1 Drape. A soft, even wave passes from blade to blade. Kit of eight, 12mm or 24mm.</p> | <p>2 Ruche. An irregular, rolling wave for a loose, gathered ripple. Kit of eight, 12mm or 24mm.</p> |
| <p>3 Shear. One straight taper, repeated on every blade. Kit of eight, 12mm or 24mm.</p> | <p>4 Twill. Two tapers, one steep and one shallow, layered for a woven look. Kit of eight, 12mm or 24mm.</p> |
| <p>5 Crease. A single crisp fold, offset on alternate blades. Kit of eight, 12mm or 24mm.</p> | <p>6 Crimp. Two angles make a zig-zag that shifts from blade to blade. Kit of eight, 12mm or 24mm.</p> |
| <p>7 Rake. A sloped blade sold in mirrored pairs. 12mm or 24mm.</p> | <p>8 Vertical Oblong. A plain rectangular blade in eight sizes. 12mm or 24mm.</p> |

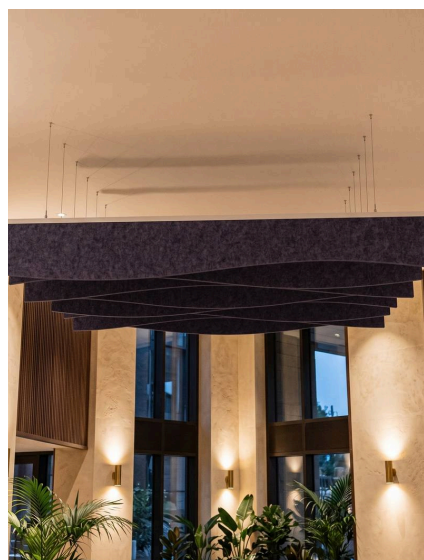
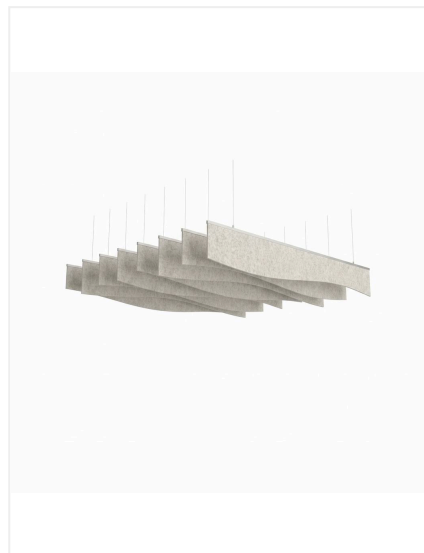
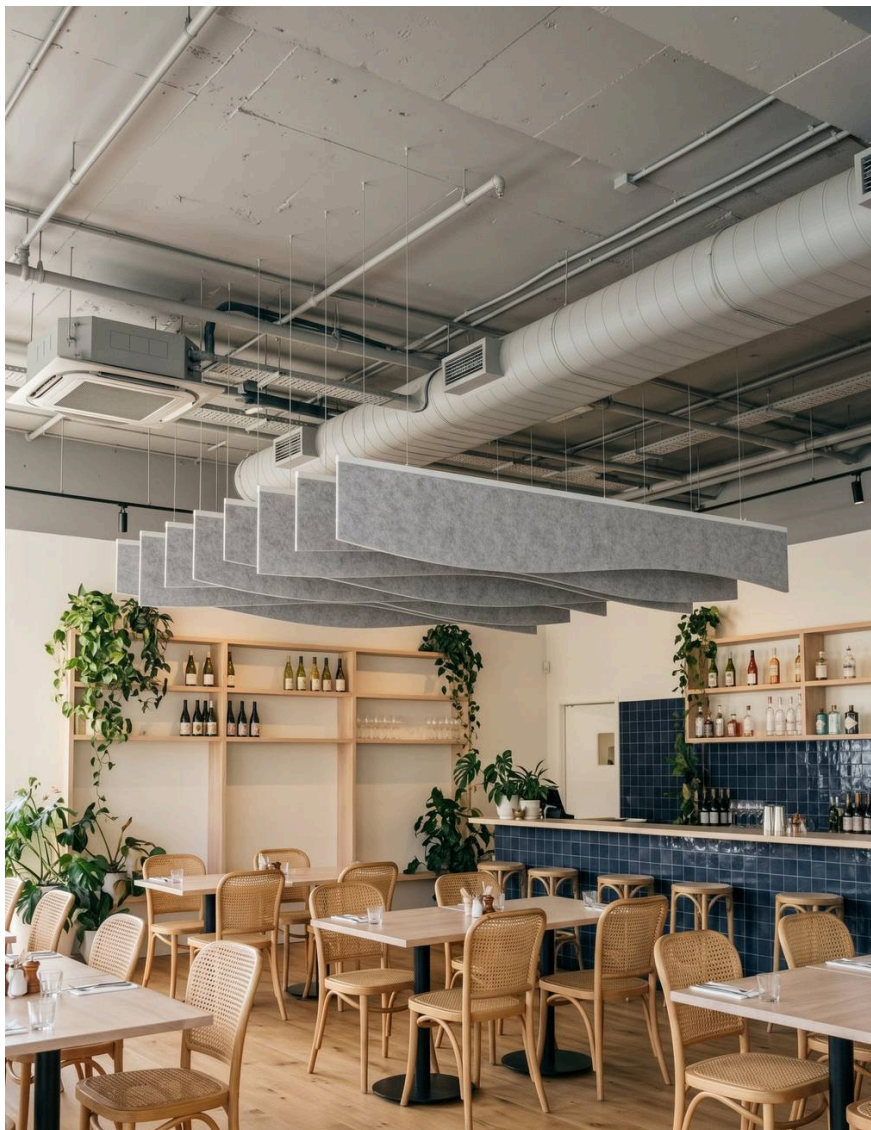


Drape.

[SHOP DRAPE →](#)

Kit of 8 blades / 2400 x 2120mm (12mm) or 2400 x 2125mm (24mm) / 12mm in 48 colours, 24mm in 20 colours / depth 255 to 345mm

Each blade mirrors its neighbour, so the wave rolls gently across the ceiling.

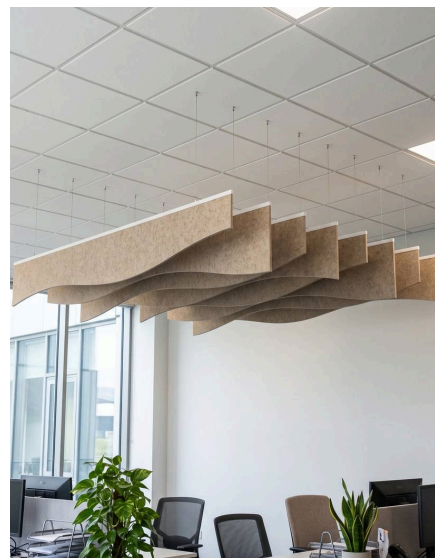
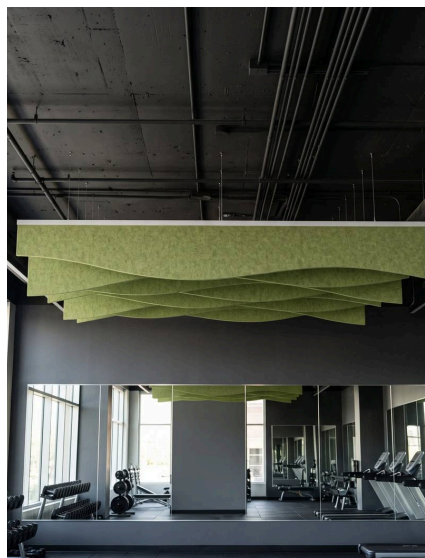


Ruche.

[SHOP RUCHE →](#)

Kit of 8 blades / 2400 x 2120mm (12mm) or 2400 x 2125mm (24mm) / 12mm in 48 colours, 24mm in 20 colours / depth 205 to 395mm

The swells rise and fall at different points on each blade, so no two read the same.

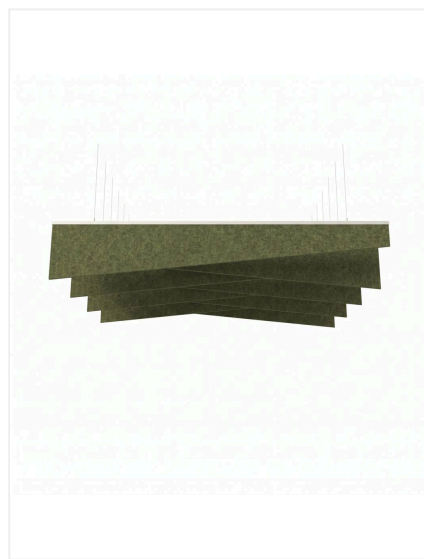
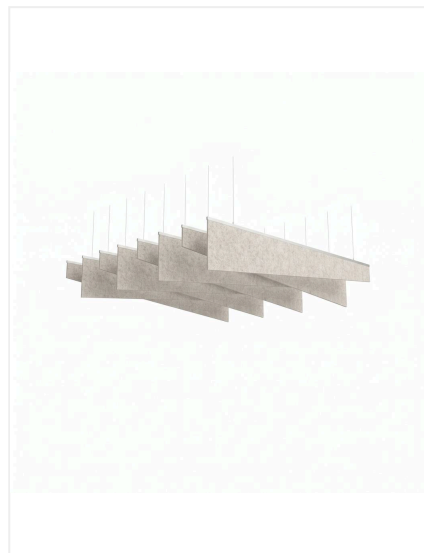


Shear.

[SHOP SHEAR →](#)

Kit of 8 blades / 2400 x 2120mm (12mm) or 2400 x 2125mm (24mm) / 12mm in 48 colours, 24mm in 20 colours / depth 420 to 180mm

All eight blades share one taper, for a clean, repeating run of angles.

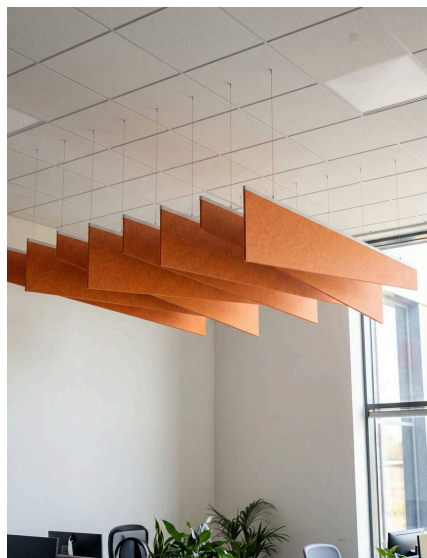
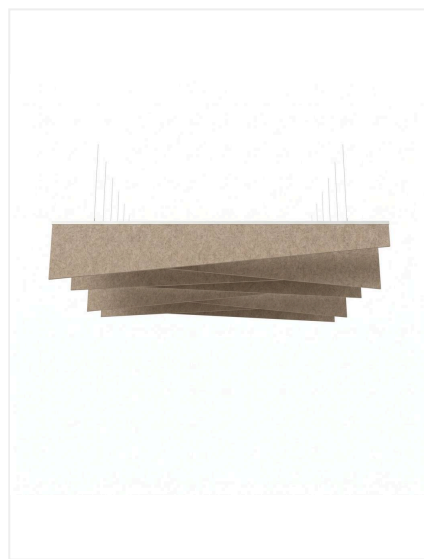


Twill.

[SHOP TWILL →](#)

Kit of 8 blades / 2400 x 2120mm (12mm) or 2400 x 2125mm (24mm) / 12mm in 48 colours, 24mm in 20 colours / depth 420 to 180mm and 360 to 240mm

A steep taper and a shallow taper layer over each other for a stepped, woven look.

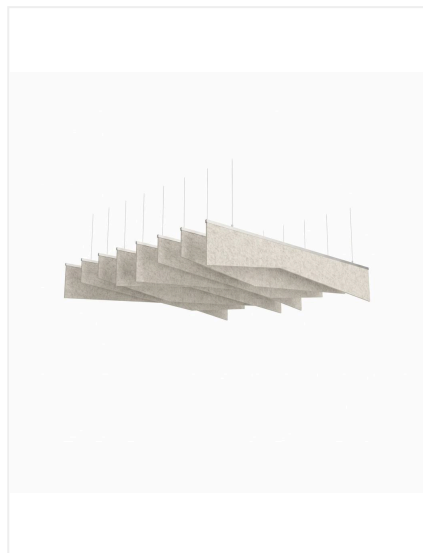


Crease.

[SHOP CREASE →](#)

Kit of 8 blades / 2400 x 2120mm (12mm) or 2400 x 2125mm (24mm) / 12mm in 48 colours, 24mm in 20 colours / depth 240 to 360mm

The fold sits at a different point on alternate blades, so the ceiling reads as offset angles.

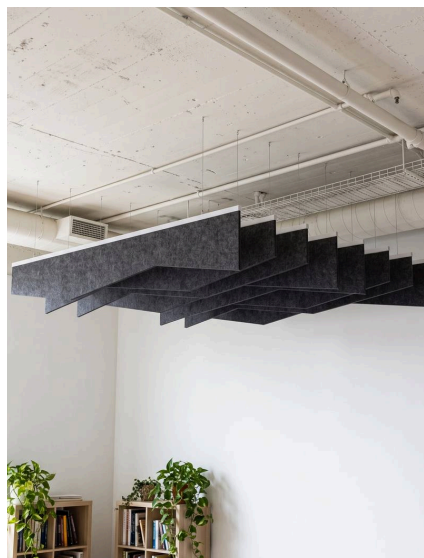
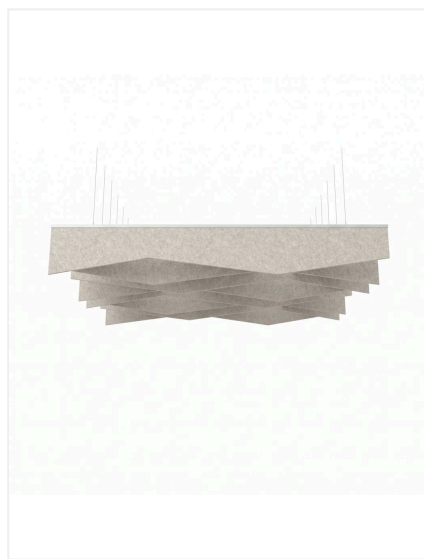


Crimp.

[SHOP CRIMP →](#)

Kit of 8 blades / 2400 x 2120mm (12mm) or 2400 x 2125mm (24mm) / 12mm in 48 colours, 24mm in 20 colours / depth 240 to 360mm

Two crisp angles on each blade make a bold, faceted zig-zag.



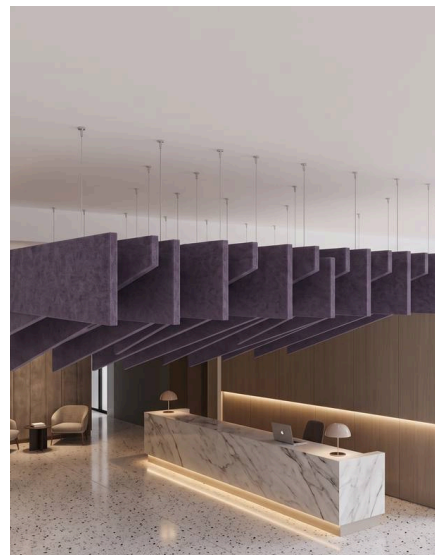
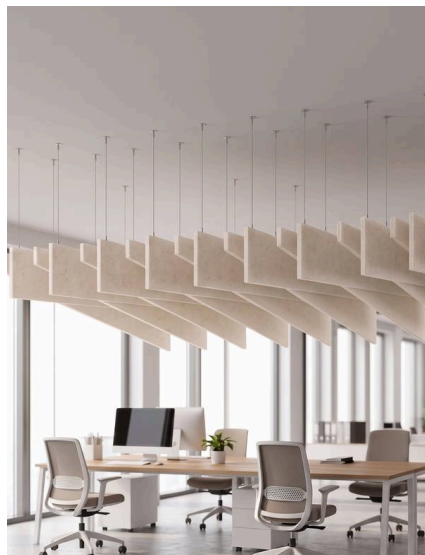
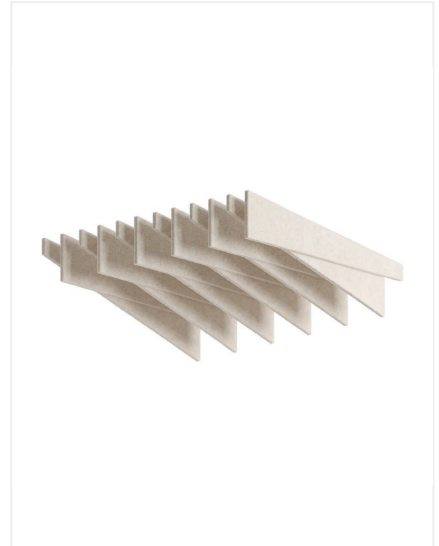
Rake.

Sold in mirrored pairs / 1200 or 2400mm long / three rake profiles / 12mm in 48 colours, 24mm in 20 colours

Each blade is cut on a slope. The two halves of a pair face each other, so the slopes fall away in opposite directions.

[SHOP RAKE 12MM →](#)

[SHOP RAKE 24MM →](#)



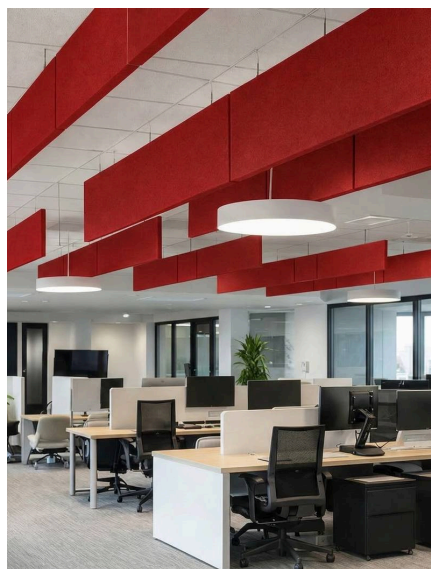
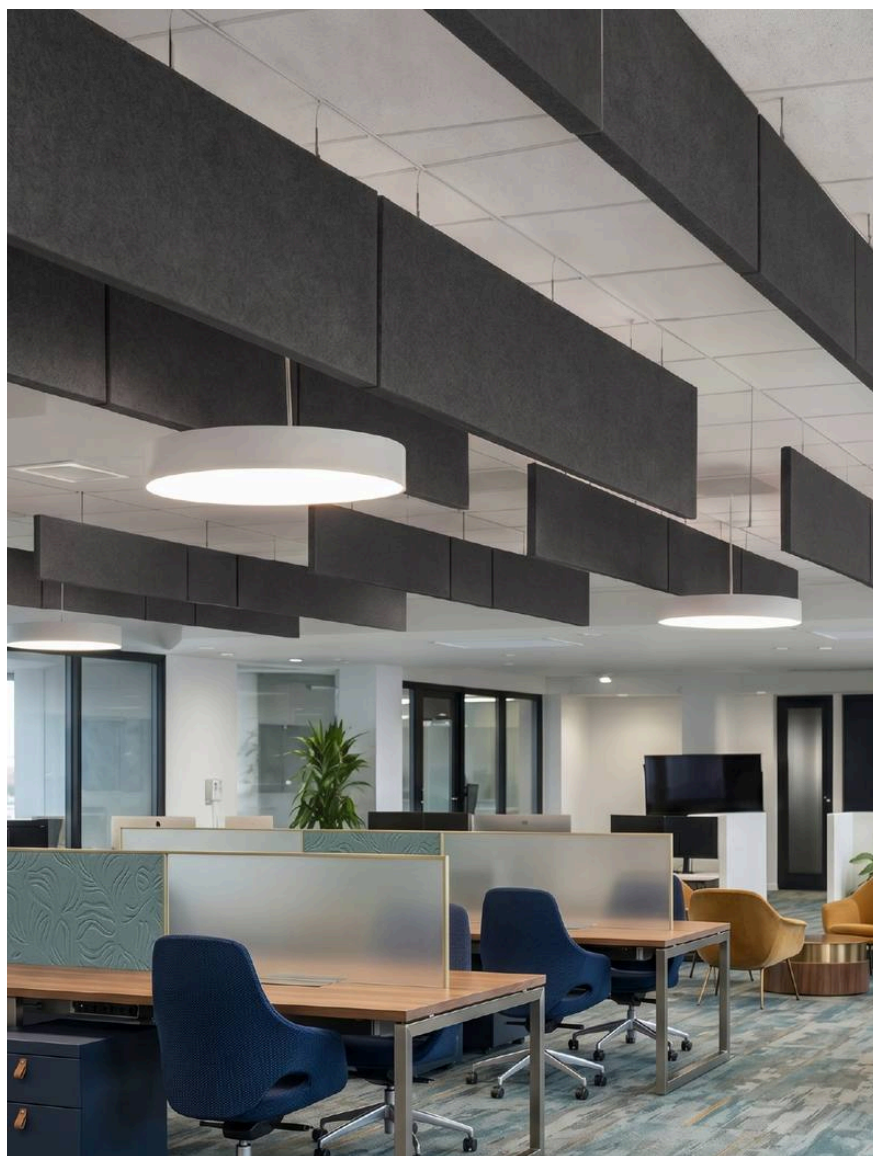
Vertical Oblong.

Eight sizes, 1200 to 2400mm long, 300 or 600mm deep / 12mm in 48 colours, 24mm in 20 colours

A plain rectangle hung on edge. Run them in rows, or mix lengths and colours.

[SHOP VERTICAL OBLONG 12MM →](#)

[SHOP VERTICAL OBLONG 24MM →](#)

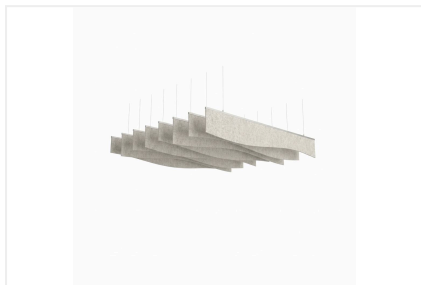


RANGE

Range.

Every baffle is one colour. Every kit and single blade comes in 12mm and 24mm.

Baffle kits, 12mm and 24mm



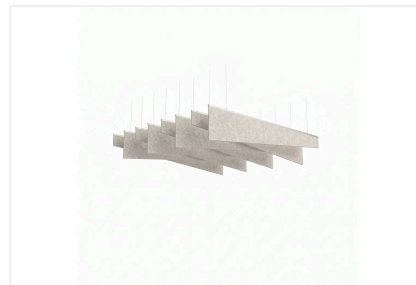
Drape kit

[SHOP →](#)



Ruche kit

[SHOP →](#)



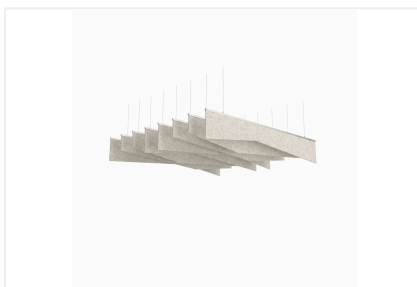
Shear kit

[SHOP →](#)



Twill kit

[SHOP →](#)



Crease kit

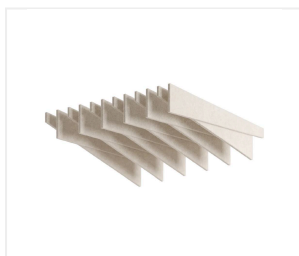
[SHOP →](#)



Crimp kit

[SHOP →](#)

Single blades, 12mm and 24mm



Rake, pair

[12MM →](#) [24MM →](#)



Vertical Oblong

[12MM →](#) [24MM →](#)

Channels, 12mm



12mm U channel

[SHOP →](#)



12mm baffle channel

[SHOP →](#)

Kit contents.

Every kit hangs the same way, whichever edge you choose.

In every kit

- 8 PET felt blades, 12mm or 24mm, 2400mm long
- 8 aluminium top rails, 2400mm, silver or black
- 16 grippers
- 16 polished steel suspension wires
- 16 ceiling anchors

Rails are silver anodised for 12mm blades and black for 24mm blades. Each blade sits in its own top rail. Two grippers slide into the slot on top of the rail, and a steel wire runs from each gripper to a ceiling anchor.



The eight blades of a Drape kit, side on.



A 24mm blade in its black top rail.

8
blades per kit

2
wires per blade

300mm
blade centres

2400 x 2120
footprint, mm. 2400 x 2125 in 24mm

Single blades

Rake and Vertical Oblong blades hang on gripper wires: 1 metre wires that grip the top edge of the blade, sold in pairs. For 12mm blades there is a standard ceiling version and a suspended T-bar grid version. Rawl plugs and screws are not supplied.

- 12mm gripper wires →
- 12mm T-bar grid wires →
- 24mm gripper wires →

Channels

- 12mm U channel.** One 2400mm length in silver or black, with a pair of ceiling wires. It holds a single 12mm blade along its top edge.
- 12mm baffle channel.** Black, 50mm wide. The 1200mm length holds four 12mm blades and the 2400mm length holds eight. Each comes with a pair of wires. Blades are not included.

Sizes.

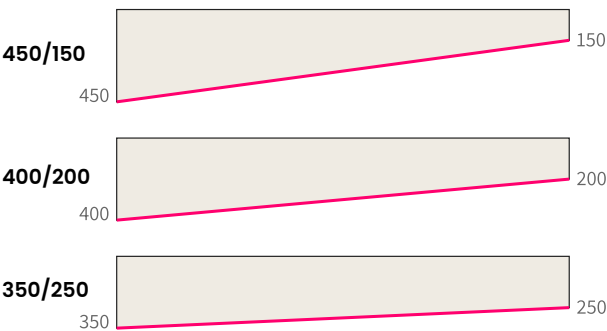
Baffle kits

KIT	EDGE	BLADE DEPTH (MM)
Drape	Soft, even wave	255 to 345
Ruche	Irregular wave	205 to 395
Shear	Single taper	420 to 180
Twill	Two tapers	420 to 180 and 360 to 240
Crease	Single fold	240 to 360
Crimp	Zig-zag	240 to 360

Every kit: eight blades, 2400mm long, hung at 300mm centres. One kit covers 2400mm along the blades by 2120mm across them in 12mm, or 2125mm in 24mm. 12mm in 48 colours, 24mm in 20 colours.

Rake

Two lengths, 1200 and 2400mm, each in three rake profiles. The profile is the depth at the deep end and the shallow end, in mm. The flat edge fixes towards the ceiling and the sloped edge hangs down. Sold in mirrored pairs. 12mm in 48 colours, 24mm in 20 colours.



The three rake profiles on a 2400mm blade. Not to scale.

Vertical Oblong

SIZE (MM)	12MM	24MM
1200 x 300	0.86kg	1.44kg
1500 x 300	1.08kg	1.80kg
1800 x 300	1.30kg	2.16kg
2400 x 300	1.73kg	2.88kg
1200 x 600	1.73kg	2.88kg
1500 x 600	2.16kg	3.60kg
1800 x 600	2.59kg	4.32kg
2400 x 600	3.46kg	5.76kg

Weight per blade. 12mm in 48 colours, 24mm in 20 colours.

2.4kg/m²

12mm board weight

4.87kg/m²

24mm board weight

1m

gripper wires for single blades

Colours: 12mm.

[ORDER A SAMPLE PACK →](#)

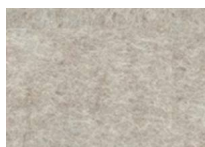
All 48 colours, for every baffle kit, Rake and Vertical Oblong in 12mm.



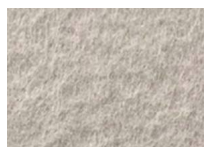
White



Natural Cotton



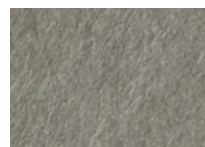
Blanched Almond



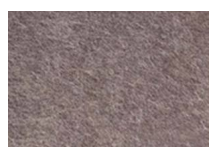
Manilla Beige



Wheat



Silk



Doe



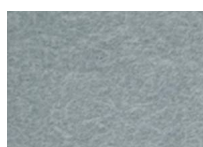
Light Grey



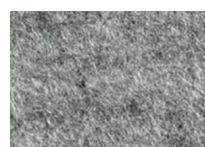
Silver Grey



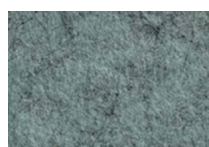
Chrome



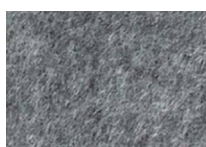
Spring Grey



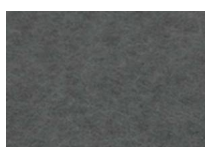
Dark Silver



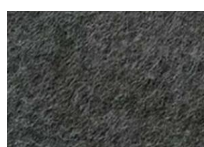
Pewter Grey



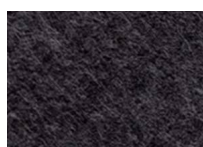
Ash Grey



Storm



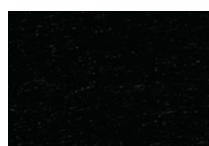
Slate Grey



Paynes Grey



Slate Marble



Black



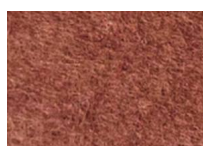
Golden Sunset



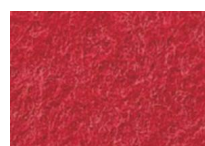
Orange



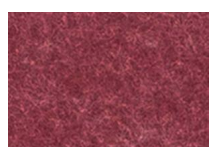
Tawny



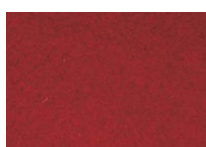
Cinnamon



Red



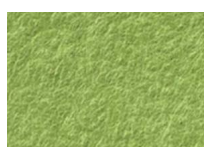
Claret



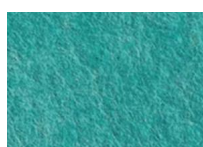
Dark Rouge



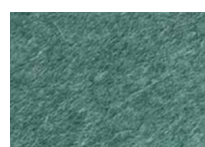
Tea Green



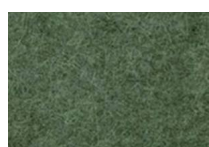
Apple Green



Aqua Turquoise



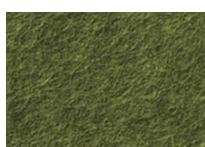
Sage Green



Sea Green



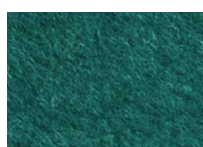
Woodland Moss



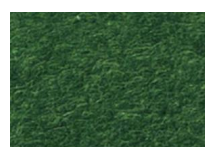
Olive Green



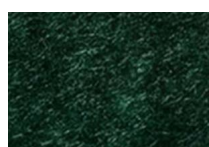
Dragonfly



Teal



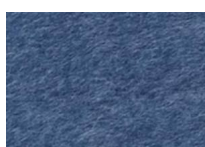
Green



Pine Green



Mermaid Blue



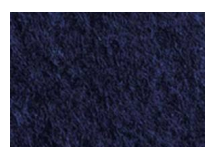
Steel Blue



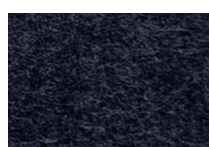
Blue Jay



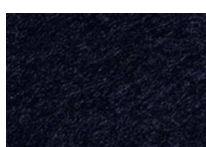
Cornflower Blue



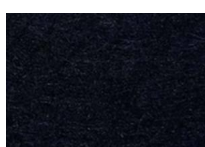
Oxford Blue



Galaxy



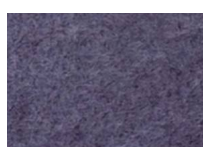
Midnight Blue



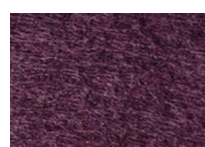
Deep Ocean



Purple



Purple Grape



Plum

Note. Screen and print colours are indicative. Order a sample pack to judge colour and texture in your own space and light.

COLOURS

Colours: 24mm.

[ORDER A SAMPLE PACK →](#)

20 colours, for every baffle kit, Rake and Vertical Oblong in 24mm.



White



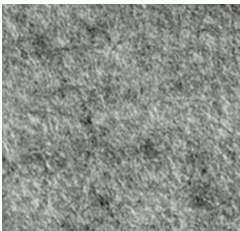
Wheat



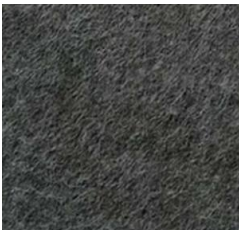
Light Grey



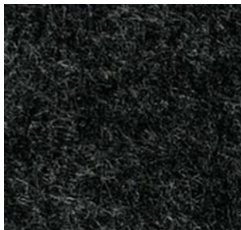
Silver Grey



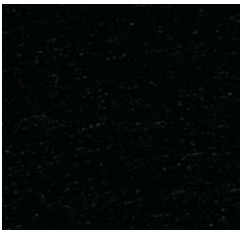
Dark Silver



Slate Grey



Slate Marble



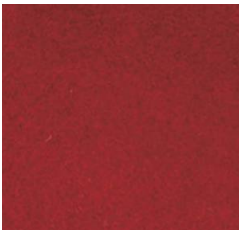
Black



Orange



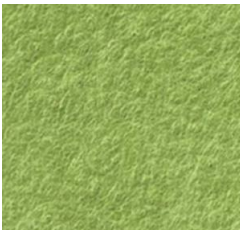
Cinnamon



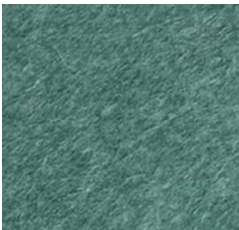
Dark Rouge



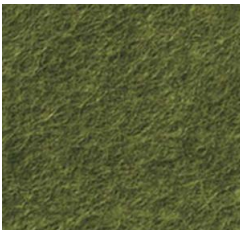
Tea Green



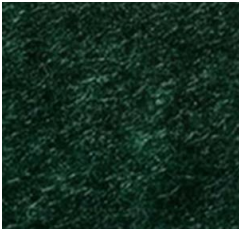
Apple Green



Sage Green



Olive Green



Pine Green



Blue Jay



Cornflower Blue



Oxford Blue



Midnight Blue

Note. Screen and print colours are indicative. Order a sample pack to judge colour and texture in your own space and light.

Acoustics in plain English.

Hard ceilings bounce sound back into a room. Felt soaks some of it up instead. A baffle hangs on edge, so both of its faces and its lower edge are open to the room.

12mm felt

α_w 0.30

Class D. Tested to ISO 354, flat on a rigid backing.

NRC 0.40

Calculated by us from the same lab data.

24mm felt

Class A

α_w 0.90, calculated by us from the lab results (ISO 11654 method), with the lab's NRC 0.90 at a 200mm or 400mm air gap.

NRC 0.65

Tested flat with no cavity (ISO 354 and ASTM C423). α_w 0.50 (MH), Class D, calculated from the ISO 354 data.

These are figures for the felt itself, each with the mounting it was tested in. No lab mounting matches a blade hung on edge, with both faces open to the room. Treat the figures as a guide to the felt, not a measurement of a hanging baffle.

Every kit and single blade comes in 12mm and 24mm.

Ceiling baffles improve how a room sounds. They do not block sound passing through a ceiling or wall.

FIRE AND SUSTAINABILITY

Fire and sustainability.

Class B-s1,d0

Fire, to BS EN 13501-1:2018. 12mm and 24mm.

75%

Post-consumer recycled PET.

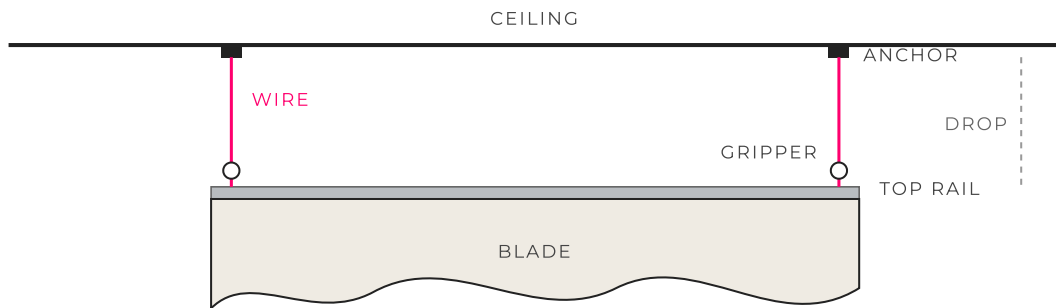
10 years

Guarantee on the felt. 2 years on rails, channels, grippers and wires.

Installation.

Every kit blade hangs on two wires from the ceiling.

- 1 **Check your ceiling first.** Hanging depends on the ceiling, and ceiling fixings change with the ceiling type. We confirm your ceiling type and the hanging method with you before your order is made.
- 2 **Set out the footprint.** One kit covers 2400mm along the blades by 2120mm across them in 12mm, or 2125mm in 24mm. Line up more kits to cover a larger ceiling.
- 3 **Fix the ceiling anchors.** Two anchors per blade, one above each end of its top rail. Sixteen in a kit.
- 4 **Hang each blade.** Each blade sits in its own top rail along the top edge. Two grippers slide into the slot on top of the rail, and a steel wire runs from each gripper to a ceiling anchor.
- 5 **Set the height and level.** Adjust the wires until the blades hang level, at the drop you want.



ONE BLADE, FRONT VIEW. NOT TO SCALE.

Single blades. Rake and Vertical Oblong hang on edge from a pair of 1 metre gripper wires that grip the top edge, so nothing fixes through the face. For 12mm blades on a suspended T-bar grid, use the grid version. Rawl plugs and screws are not supplied.

GUIDES AND FIXINGS

[Rafts, baffles and clouds explained →](#)
[12mm gripper wires →](#)

[12mm T-bar grid wires →](#)
[24mm gripper wires →](#)

CARE

Care.

Light vacuuming keeps dust from building up, and also lifts the surface texture if it flattens. Use a soft brush or a vacuum on low with a brush head. Most marks come off with a mild detergent solution. Rinse with clean warm water, then blot dry. Spot clean only, working from the outside of the mark towards the centre. Avoid harsh scrubbing, stiff brushes and solvent-based cleaners, and keep baffles clear of direct heat sources.

Always test a method on a hidden area first. For specific stains, follow the treatment chart in our Care & Maintenance guide.

FAQ

FAQ.

Are ceiling baffles soundproofing?

No. They improve how a room sounds by soaking up echo. They do not stop sound passing between rooms.

How much ceiling does a kit cover?

2400 x 2120mm in 12mm, or 2400 x 2125mm in 24mm, with eight blades at 300mm centres. Line up more kits for a larger area.

Are they made to order?

Yes. Every kit and blade is made to order in the colour you choose.

What comes in a kit?

Eight blades in 12mm or 24mm, eight aluminium top rails (silver for 12mm, black for 24mm), sixteen grippers, sixteen steel wires and sixteen ceiling anchors.

12mm or 24mm?

Every kit and single blade comes in both. 12mm comes in 48 colours and 24mm in 20 colours.

Can I see the colours first?

Yes. [Order a sample pack](#) →

Planning a larger ceiling, or need more than three kits? [Contact us](#) →