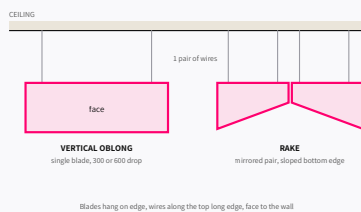


CEILING BAFFLES

24mm ceiling baffle

A decorative ceiling feature in recycled PET felt. 24mm blades hung on edge below the ceiling, as single oblongs or raked pairs.



Blades shown hung on edge. Not to scale.



Square edge only

2

blade styles

24mm

thickness

20

colours

4.87 kg/m²

board weight

Sizes and weights

Length	1200	1500	1800	2400
Vertical Oblong, 300 drop	1.75kg	2.19kg	2.63kg	3.51kg
Vertical Oblong, 600 drop	3.51kg	4.38kg	5.26kg	7.01kg
Rake pair, 450/150 drop	3.51kg	–	–	7.01kg
Rake pair, 400/200 drop	3.51kg	–	–	7.01kg
Rake pair, 350/250 drop	3.51kg	–	–	7.01kg

All dimensions in mm. Vertical Oblong weights are per blade, one pair of wires each. Rake weights are per mirrored pair, one pair of wires per blade. Rake drops are deep end / shallow end, the same for 12mm and 24mm. Weights are typical and exclude wires.

Specification

Format	Flat recycled PET felt blade, hung on edge below the ceiling
Styles	Vertical Oblong, sold singly. Rake, sold as a mirrored pair with a sloped bottom edge
Thickness	24mm
Colours	20, one colour per blade. See page 3
Edge finish	Square edge
Weight	4.87kg/m ² board. Blade weights in the table
Lead time	Made to order, approx. 10 working days
Made in	Birmingham, UK

CEILING BAFFLES

Performance, hanging and care

Reaction to fire

B-s1,d0

To **BS EN 13501-1:2018**. Classification reports available on request.

Sound absorption

Class A α_w 0.90

NRC 0.90, tested to **ASTM C423-23** with a 200mm or 400mm air gap. Class A is our calculation from the lab's results using the ISO 11654 method. Flat with no air gap: NRC 0.65, and α_w 0.50 (MH), Class D, calculated from the EN ISO 354 results.

Tested performance

Mounting	Like	NRC	SAA
Flat, no air gap (Type A)	A panel fixed to a wall	0.65	0.64
200mm air gap (E200)	Panels on battens, a suspended tile	0.90	0.87
400mm air gap (E400)	A raft hung below a ceiling	0.90	0.87

24mm board, 4.87kg/m², tested to ASTM C423-23; the flat result also to EN ISO 354. Figures are per square metre of board, so they work for any size; for a panel hung or standing free they are a conservative guide, because its back face and edges absorb sound too.

Hanging

What's supplied **IN THE BOX**

- 1 pair of hanging wires with every blade.
- Rake pairs come with 1 pair of wires for each blade.
- Each wire ends in a panel gripper made for 24mm board.
- Wires are 1 metre long. Extra pairs are sold separately.
- Rawl plugs and screws are not included.

Putting it up **ON EDGE**

- Fix two ceiling points above where each blade will hang.
- Clip a gripper onto the top long edge of the blade under each wire.
- Hang the blade on edge, face to the wall, so it sits level.

Planning **BEFORE YOU ORDER**

- Allow for the drop you want below the ceiling. Wires are 1 metre long.
- Adjust each gripper along its wire to set the drop and level the blade.
- Blades can hang alone or in rows.
- Hang Rake pairs alternating, so the slopes fall in opposite directions.

Substrate first. Hanging depends on the ceiling. Ceiling fixings change with the ceiling type. We confirm your ceiling type and the hanging method with you before your order is made.

Care

- Dust with a soft brush or a vacuum on low with a brush head.
- Lift marks with a clean damp cloth. Blot, do not rub.
- Do not use solvents, bleach or aggressive cleaning products.
- Keep clear of direct heat sources.

Figures are typical values. Felted may update this sheet as products develop. Issue 4, October 2026.

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Colours

Every blade style comes in the 24mm range of 20 colours. Each blade is one colour.



Samples. Screen and print colours are indicative. Order A5 samples at felted.uk to judge colour and texture in your own space and light.