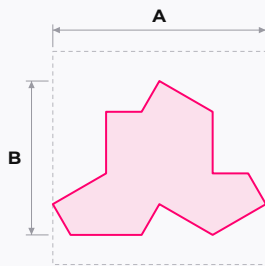


EINSTEIN HAT TILES

Einstein hat tile

A decorative wall finish in recycled PET felt. One 13-sided shape that covers a wall with no gaps and a pattern that never repeats.



Einstein hat tile, width A and height B, cut from an A x A square. Proportional, not full size.

3

sizes: 300, 400 and 600 wide

12mm

thickness

48

colours

0.55m²

tile face area per pack, any size



Square edge only

Sizes and packs

Size (A x B)	Tiles per pack	Tile face area per pack	Tiles per m ²	Tile weight
300 x 217	16	0.55m ²	28.9	0.08kg
400 x 289	9	0.55m ²	16.2	0.15kg
600 x 433	4	0.55m ²	7.22	0.33kg

All dimensions in mm. The size you order is width A. Each tile is cut from an A x A square. Tiles per m² and face area are for the tile itself. Any joint gap adds to the area covered. See the installation guide on the product page.

Specification

Shape	Einstein hat, a single 13-sided shape. Every corner turns in 30 degree steps
Layout	Edge to edge with no repeating pattern. About one tile in seven is laid reversed, which is the same tile turned over. See the installation guide on the product page
Thickness	12mm
Material	Recycled PET felt
Colours	48, one colour per pack. See page 3
Edge finish	Square edge only. Reversed tiles are turned over, so both faces must be the same
Joint gap	Your choice. As a guide, a 5mm gap on every joint reads clearly on either edge
Weight	Approx. 2.4kg/m ² board. Approx. 1.3kg per pack in every size
Made in	Birmingham, UK

EINSTEIN HAT TILES

Performance, fixing and care

Reaction to fire

B-s1,d0

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

Sound absorption

α_w 0.30 Class D

To **ISO 354**. Measured direct-fixed against a rigid backing. Button fixing stands the tile 8mm off the wall, so the figure above applies to tiles fixed flat to the wall.

Fixing

Adhesive **BEST FINISH**

- Bond each tile direct to the wall.
- Use a solvent-free, low-VOC adhesive suited to PET felt and to the substrate.
- Permanent.

Type 3 button fixing

BEST FINISH

- A push-on fix screws to the back of the tile. A mating button screws to the wall.
- Tile stands 8mm off the wall when the fix is surface-mounted.
- In 12mm felt use 16mm pan head or #8 × ½in flange head screws, tightened lightly by hand.
- Leave the wall button screw nipped, not tight, so the joints can be aligned.
- Tiles pull off for moving, reuse or recycling.

Pin head nails **QUICK FIX**

- Pinned through the face of the tile into the wall.
- Quick and simple.
- Pin heads may show. For the cleanest finish use adhesive or button fixing.

Substrate first. Fixing depends on the substrate. We confirm your wall type and the fixing method with you before your order is made.

Care

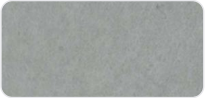
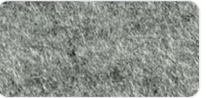
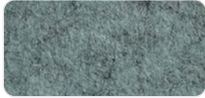
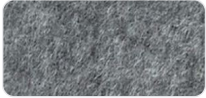
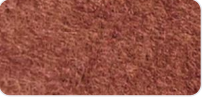
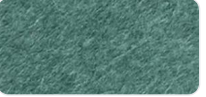
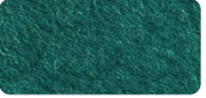
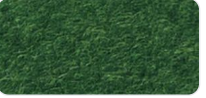
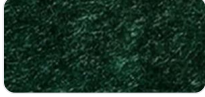
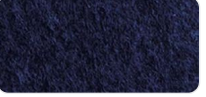
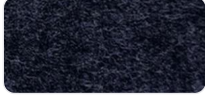
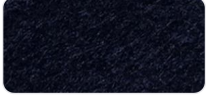
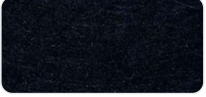
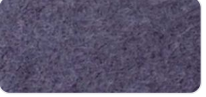
- Dust with a soft brush or a vacuum on low with a brush head.
- Lift marks with a clean damp cloth. Blot, do not rub.
- Do not use solvents, bleach or aggressive cleaning products.
- Keep clear of direct heat sources.

Figures are typical values. Felted may update this sheet as products develop. Issue 1, September 2026.

EINSTEIN HAT TILES

Colours

Every size comes in the full 12mm range of 48 colours. Each pack contains one colour.

					
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

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