



# HeartFelt® Origami

Let your design Unfold

AN EXCITING CONCEPT IN FELT CEILINGS





# HeartFelt® Origami

The best of both worlds

Project : Visualisation  
Product : HeartFelt® Origami

## Additional rigidity and sound absorption

If you are looking for a ceiling system that looks good and provides maximum sound absorption, then look no further than HeartFelt® Origami. This exciting new concept in felt ceiling design allows you the freedom to choose a ceiling panel that delivers both aesthetically and acoustically.

HeartFelt® Origami is an expansion of our successful HeartFelt® felt ceiling system. This exciting concept has been developed with the shape and stiffening of the felt panels based on the original Japanese origami folding technique. This adds extra rigidity to the felt panels which in turn enhance the visual impact of the ceiling and the acoustic properties of the overall system.

## Oriental folding technique

The development of HeartFelt® Origami followed an extensive study into the oriental folding technique. Origami is, in fact, a very practical method of making materials rigid without the need to add other materials or products. The principles of origami can be found in countless technical designs, in both architecture and design.

By using this folding technique, we add extra rigidity and superior acoustic properties to the felt panels. This procedure has a dynamic effect on the installation of the ceiling with only the wedging system used to attach the panels to the ceiling. The whole process delivers a ceiling system that plays an important role in the pursuit of circular and sustainable construction.



Above : Visualisation  
Product : HeartFelt® Origami

## HeartFelt® in a nutshell

- Great acoustic performance
- Available in five shades of grey
- Available in 5 different dimensions
- Easy installation and low risk for damages
- Easily reusable or 100% recyclable
- Easy to maintain: dirt and dust resistant
- Swing-down system for easy acces
- Certified:
  - European Indoor Environmental Standard EN 16798-1
  - Cradle to Cradle Certified™ Bronze
  - Suitable for BREEAM and Leed
  - VOC emissions class A+, M1
  - Fire classification EN 13501-1 class B-s1,d0

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**HunterDouglas**   
Architectural



# Designed to work for you





Project : TMO, Vlaardingen, the Netherlands  
 Product : HeartFelt® Origami  
 Architect : Hunter Douglas Architectural

## Managed acoustics

The origami shape of the ceiling is precisely what allows us to achieve a strong sound-absorbing effect. Tests show that thanks to the predominantly closed nature of this ceiling system, a sound dampening value of approximately  $\alpha_w$  0.8 is achieved.

This strong acoustic performance ensures that resonance and voices especially in busy office landscapes, public buildings or other premises are greatly reduced.

Below : Visualisation  
 Product : HeartFelt® Origami

## Dazzling end result

The HeartFelt® Origami ceiling system has what it takes to enhance a wide range of buildings and make them 'sound friendly'. As soon as the panels have been installed on the ceiling, the room immediately takes on a contemporary and calming atmosphere.

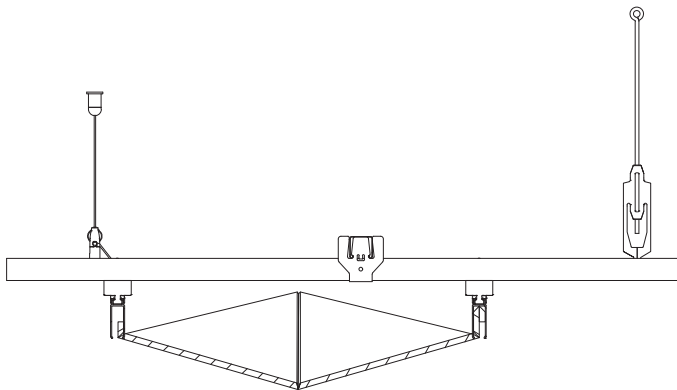
The end result is a playful plane of triangles with a strong sound-dampening performance. It's precisely the folded origami patterns with its extraordinary shapes that, with the right lighting, create a stunning interaction of light and shadow.





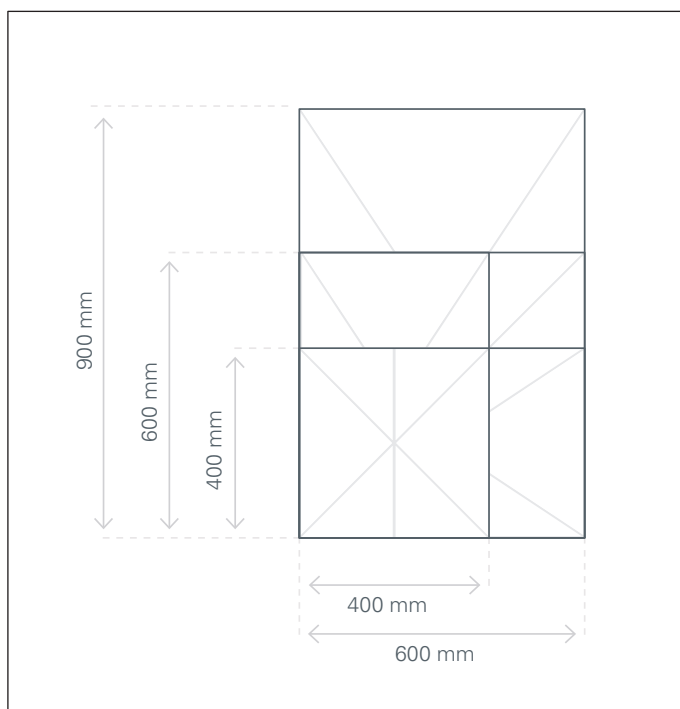
# Freedom to explore

HeartFelt® Origami offers architects and interior designers the freedom to explore their creativity. Due to its versatility and variety of shapes and colours, this new ceiling system creates added value in numerous ways. HeartFelt® Origami enables designers to choose the dimension and colour - or a mix - that best suit a particular space. The real challenge lies in combining the two until a perfect fit is achieved. You can use HeartFelt® Origami as a room-filling ceiling system or as an Island solution.



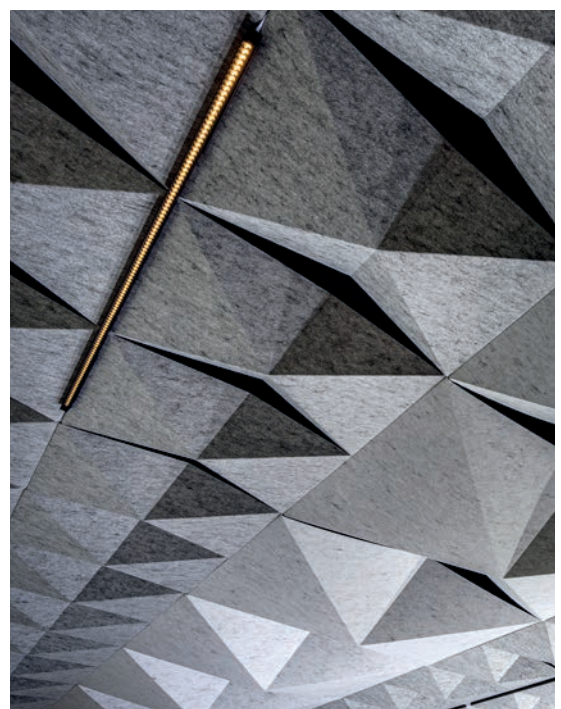
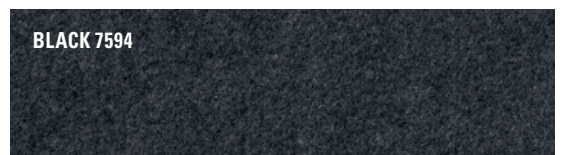
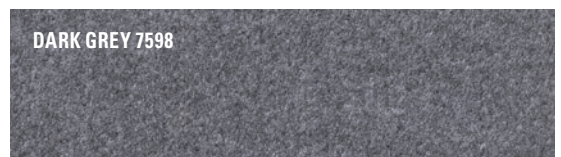
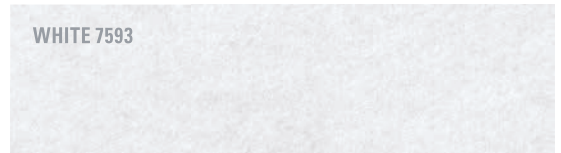
## Sizes

Aesthetically, HeartFelt® Origami offers an exclusive and highly creative ceiling finish and thanks to the five different sizes, designers have the freedom to choose a shape, or combination of shapes, that best suits a particular space.



## Colours

HeartFelt® Baffles ceiling systems are available in five shades of grey, ranging from white to black. The proportion of the white and black coloured PES fibres determines the overall colour of the panels.



# Quick and easy installation

One of the key advantages of the HeartFelt® Origami ceiling system is its simple and fast installation. This is due to the minimal use of different products and because the installation can be carried out in just a few steps.

- **Step 1** : The basic material is supplied as flat, felt panels.
- **Step 2** : Attach the special mounting profiles to a support on the ceiling.
- **Step 3** : Wedge the felt panels into the mounting profile hanging from the ceiling.
- **Step 4** : Fold the felt panels into the right shape until they take on the origami patterns.

All connections are easy to detach, making repair, replacement or final disposal and recycling extremely simple.



## SUSTAINABLE PROPERTIES

### C2C certification



- Cradle to Cradle Certified™ Bronze
- The product meets the 'Low' requirements for use in low-polluting buildings.

*Cradle to Cradle Certified™* is a certification mark licensed by the Cradle to Cradle Products Innovation Institute.

### Building certification

- VOC emissions class A+
- Suitable for BREEAM and Leed

### VOC emissions



- BREEAM-Nor: approved
- M1: approved
- French regulations for CMR substances: approved

### Easy to maintain

HeartFelt®'s Baffle felt ceiling panels are easy to clean with a feather duster or vacuum cleaner.

For more information visit our website:  
[www.hunterdouglas.co.uk](http://www.hunterdouglas.co.uk)

**HunterDouglas**   
Architectural



In the last 60 years, we have been fortunate enough to help turn countless innovative ideas into products for innovative buildings. With major operation centres in Europe, North America, Latin America, Asia and Australia we contribute to thousands of high-profile projects including shopping centres, airports, government offices, hospitals, universities and offices.



▲ CEILINGS



▲ WALLS



▲ SUN LOUVRES



▲ FAÇADES

## Architectural services

We support our business partners with a wide range of technical consulting and support services for architects, developers, and installers. We assist architects and developers with recommendations regarding materials, shapes and dimensions, colours and finishes.

We also help creating design proposals, visualisations, and installation drawings. Our services to installers range from providing detailed installation drawings and instructions to training installers and advising on the building site.



Hunter Douglas adopts the cradle to cradle (C2C) product philosophy to the design of products that fit the circular paradigm. They are designed for longevity, using materially healthy technical nutrients that can be reused at end of life as a high-quality source for something new.

*Cradle to Cradle Certified™* is a certification mark licensed by the Cradle to Cradle Products Innovation Institute.



*Hunter Douglas products and solutions are designed to improve indoor environmental quality and conserve energy, supporting built environments that are comfortable, healthy, productive, and sustainable.*



All steel products are 100% recyclable at the end of their lifecycle.



Printed on  
EU Ecolabel  
certified  
paper



All aluminium products are 100% recyclable at the end of their lifecycle.

## More information

Contact our **Project Support** for further help and advice on the design possibilities our applications can create.

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### CEILINGS



### WALLS



### SUN LOUVRES



### FAÇADES



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