

27  
PET  
BOTTLESup to  
1m<sup>2</sup>  
ACOUSTIC  
SURFACE

# Donut Wall

**EN** Donut wall lamp has emerged due to intensive research on materials with sound-absorbing properties and invisible indirect light sources. The wall lamp is made from a light and thin ecoPET panel with a thickness of 5 mm, which is cut using an innovative laser technique. The cutting motif of concentric circles turns the material from recycled PET bottles into a three-dimensional sculptural object that takes on form and volume only upon wall installation. The interplay with LED light underlines the atmospheric and ambient effect of the Donut wall lamp because the emitted light is 360 degrees. In addition to this appealing effect, the project realises an ecologically responsible approach, which is already evident in the use of sustainably manufactured ecoPET panels and LED as the light source.

**DE** Donut Wandleuchte ist aus intensiver Forschung an Materialien mit schallabsorbierenden Eigenschaften und unsichtbaren indirekten Lichtquellen entstanden. Die Wandleuchte besteht aus einem leichten und dünnen ecoPET mit einer Dicke von 5 mm, die mit einer innovativen Lasertechnik geschnitten wird. Das Schnittmotiv aus konzentrischen Kreisen verwandelt das Material aus recycelten PET-Flaschen in ein dreidimensionales skulpturales Objekt, das erst durch die Wandmontage, Form und Volumen annimmt. Das Zusammenspiel mit LED-Licht unterstreicht die atmosphärische und raumgreifende Wirkung der Wandleuchte Donut, denn das abgegebene Licht strahlt im Radius von 360 Grad. Neben dieser ansprechenden Wirkung verwirklicht das Projekt einen ökologisch verantwortungsvollen Ansatz, der sich bereits in der Verwendung von nachhaltig hergestellten ecoPET und LED als Lichtquelle zeigt.

## Example

Donut Wall    standard power    4000K    no frame    ARCHI felt color 1201 Cloud

↑                    ↑                    ↑                    ↑                    ↑

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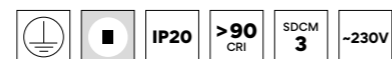
↓                    ↓                    ↓                    ↓

one size    DALI    luminaire black 9005    wall

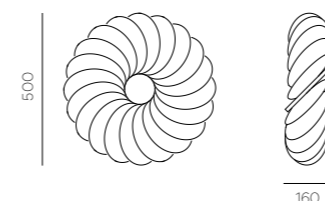
## Quickinfo

luminaire size	Ø 500×160
system power	4.1W
luminous flux	727lm

## Technical information



light distribution	360°	
luminous efficiency	178lm/W	
electrical control	ON/OFF	▲ 9
	DALI	▲ 8
color temperature	3000K	● 3
	4000K	● 4
luminaire color	black 9005	◆ 01
	white 9010	◆ 02
fabric color	ARCHI felt ecoPET color palette archixxx – choose color from page 266	◆ archixxx



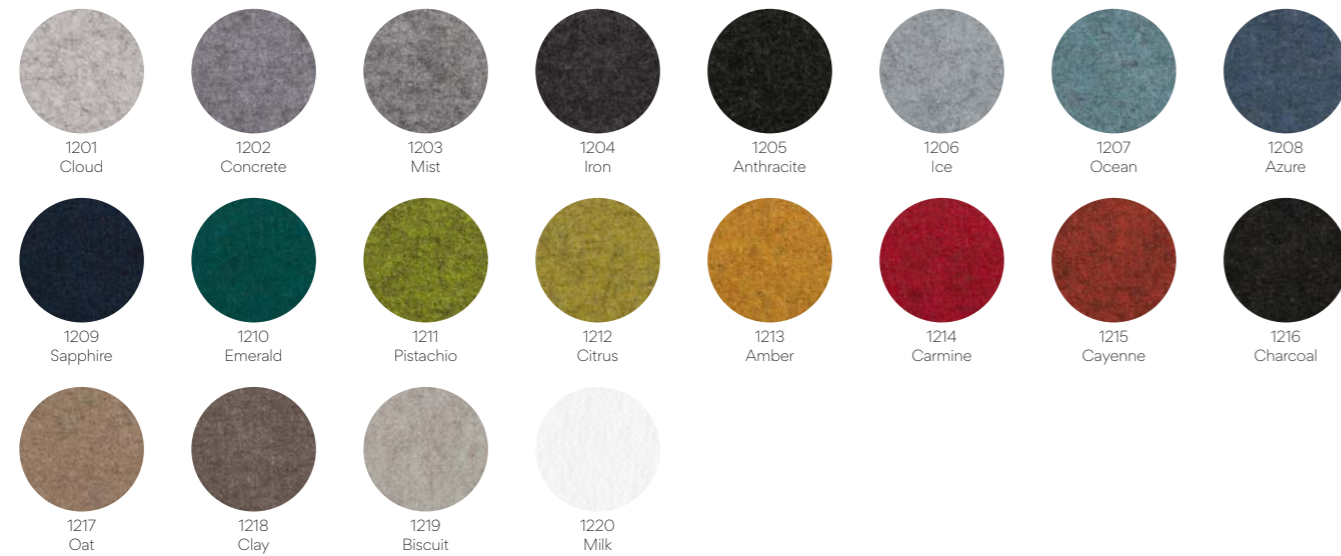
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## ARCHI felt ecoPET 12 mm

**EN** The high-quality PET sound panels are robust, durable, and have a slightly textile surface that can be washed. They have excellent sound-absorbing properties, are flame-resistant and recyclable.

**DE** Hochwertige PET-Akustikplatten sind massiv, strapazierfähig, mit einer leicht textilen Oberfläche, die gewaschen werden kann. Sie haben hervorragende Schalldämmeigenschaften, sind schwer entflammbar und können recycelt werden.



## ARCHI felt ecoPET properties

### Measurements

2800 mm × 1200 mm × 12 mm

gross size

### Flammability Class

B-s1,d0

### Acoustic values

Mounting method	Directly on the wall	50 mm cavity	50 mm cavity + 50 mm rockwool	100 mm cavity	100 mm cavity + 100 mm rockwool
NRC (100–5000 Hz)	0.40	0.75	0.95	0.80	1.00
aw (100–5000 Hz)	0.25	0.60	1.00	0.80	0.95
Acoustic Class	D	C	A	B	A

## Flexxica wool felt 5 mm

**EN** Flexxica wool felt color palette is high-quality 5 mm thick felt. Wool felt has many technical uses, including, among others, in acoustics. The natural properties of wool make this felt not only look designer but also absorb noise and sound perfectly.

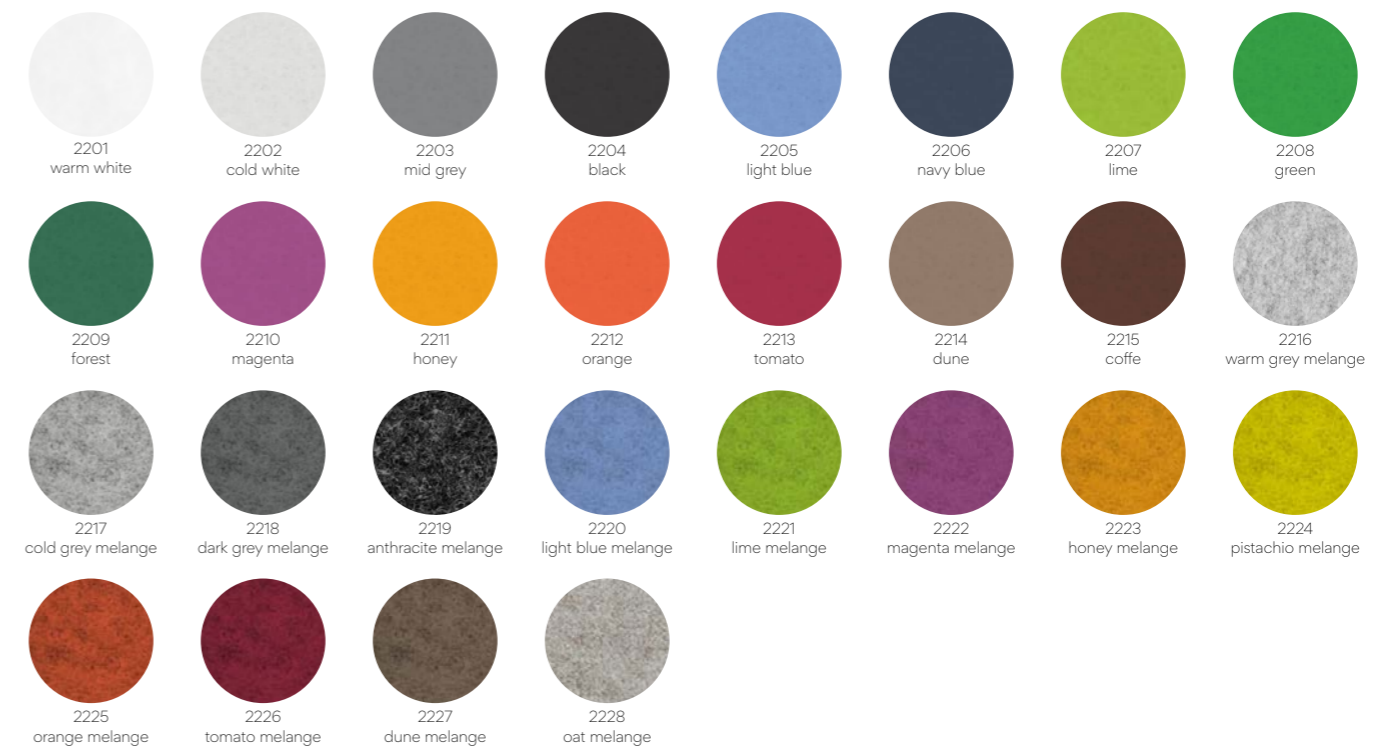
**DE** Die Farbpalette von Flexxica Wollfilz ist hochwertiger 5 mm dicker Filz. Wollfilze haben viele technische Anwendungen, u. a. in der Akustik. Die natürlichen Eigenschaften der Wolle verleihen diesem Filz nicht nur ein Design-Look, sondern auch eine perfekte Dämpfung von Lärm und Geräuschen.



## Flexxica felt 5 mm

**EN** Flexxica felt color palette is a wide range of flame-retardant design felts with a velour finish and high noise reduction properties. They are available in many colors, ideal for many decorative projects, including upholstery and interiors.

**DE** Die flexxica-Farbpalette für Filze ist eine große Auswahl an schwer entflammaren Designfilzen mit Velours-Finish und hohen Geräuschminderungseigenschaften. Sie sind in vielen Farben erhältlich, ideal für viele dekorative Projekte, einschließlich Polsterung und Innenausstattung.



# Guidelines for cleaning and maintenance of materials used in flexxica luminaires.

To maintain the beautiful color and appearance of flexxica lighting fittings, we recommend gentle vacuuming with a soft tip, preferably weekly.

## Stain removal – the golden rule

Remove the stain as soon as possible. Most stains can be removed with lukewarm water, possibly with the addition of a neutral detergent.

## Merino wool felt

Wool is antistatic and does not attract dirt like other fabrics. Wool is also water-repellent, so the liquids slowly penetrate the fabric.

Cleaning: First, soak up as much liquid as possible with a white kitchen towel or cloth. If the stain has dried, remove as much as possible with a vacuum cleaner. Wipe carefully with a clean white cloth.

## Upholstered material

Upholstery in flexxica luminaires is highly versatile and durable. The material is antistatic and fireproof, so stains are easily removed.

Cleaning: Do not wet the entire lampshade. Always use a clean white cotton cloth and only use small amounts of cleaning agent at a time.

## EcoPET material

The ecoPET is made of 60% recycled PET bottles. It is straightforward to maintain, and stains can be removed easily and hassle-free.

Cleaning: Never rub hard to remove a stain. Always use a clean white cotton cloth with a bit of detergent.

## Glass luminaires

Boya is made in a traditional blown-glass technology, therefore it requires special and delicate cleaning care.

Cleaning: Use a soft, lint-free microfiber or cotton cloth with distilled water (optimal) or mild glass cleaner or a solution of equal parts water and white vinegar. Wipe carefully with a clean white cloth.

## WARNING!

**Benzene, acetone, and similar solvent-based products may discolor the materials of the flexxica luminaires. Before use, apply a small amount of the product to an inconspicuous spot to ensure it doesn't cause any damage or discoloration.**

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Please note that the actual appearance of flexxica's felt and fabric lighting fixtures may vary from the images shown in the catalog. This is because each type of felt and fabric possesses its own distinct characteristics. This is not a disadvantage of the luminaire but an advantage – each product is unique and unrepeatable.

Keep in mind that the colors of PET, felts, and fabric may differ slightly from what you see in the catalog. For the most accurate representation, we recommend referring to our sample book.

Due to the production process of both felt and PET, there may be slight variations in material between different production batches. Additionally, please take into consideration that PET boards have distinct left and right sides, along with a specific fiber arrangement. This is particularly important to consider when installing larger structures, such as wall-mounted panels.

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