27 PET BOTTLES

up to 1m² 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 einen 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 | | 4000 K | | no frame | | ARCHI felt color 1201 Cloud |
|---|---|---|---|---|---|---|---|---|
| 2124 | – 00 – | 2 | – 8 – | 4 | – 01 – | 00 | – 7 – | archi1201 |
| | one size | | DALI | | luminaire black 9005 | | wall up & down | |

### Quickinfo

| | |
|---|---|
| **luminaire size** | Ø500×160 |
| **system power** | 4.1W |
| **luminous flux** | 727lm |

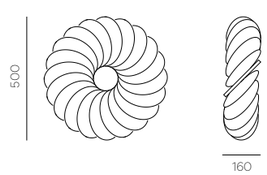
### Technical information

IP20 | >90 CRI | SDCM 3 | ~230V

| | | |
|---|---|---|
| **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 304 | ◆ archixxx |

### Create my unique code!

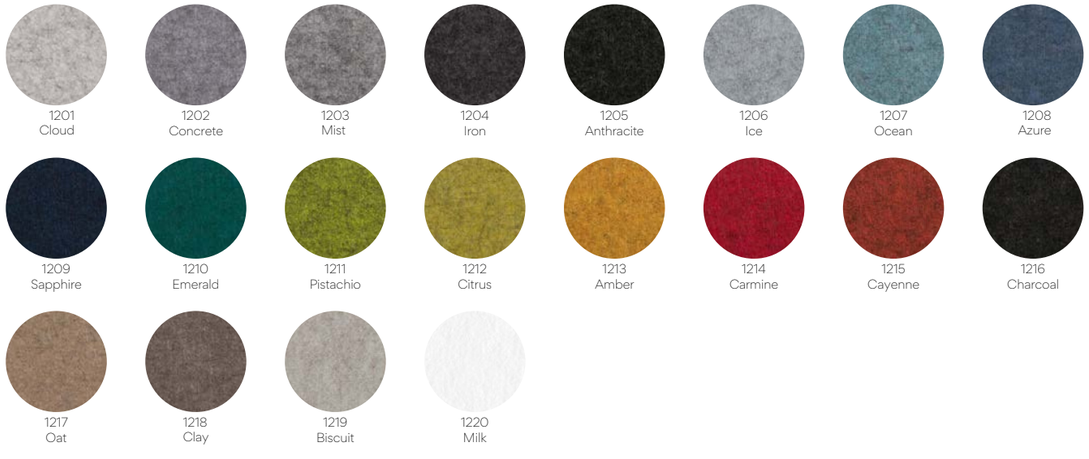
2124 – 00 – 2 – ▲ – ⭘ – ⬟ – 00 – 7 – ◆



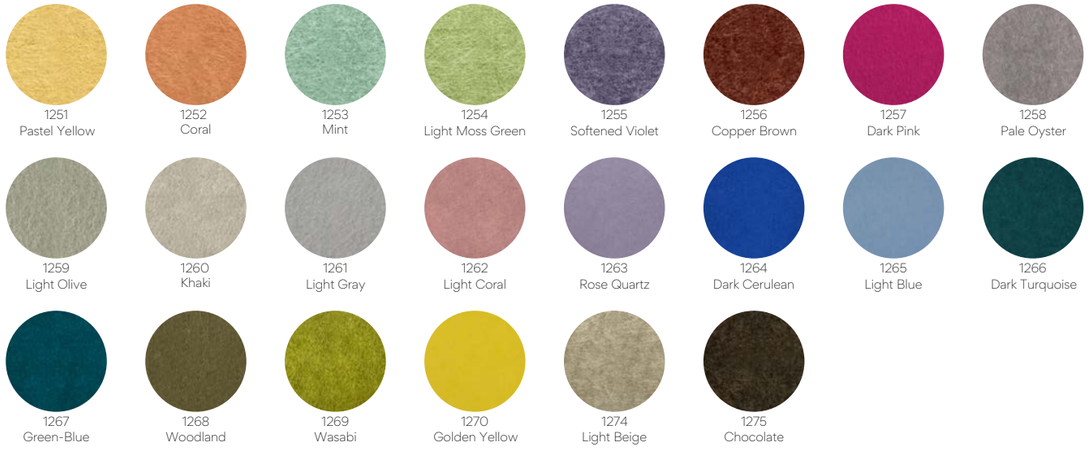
# ARCHI felt ecoPET 12 mm

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

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




## Special colors




# 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 |

# Take a closer look at sustainably manufactured ARCHIfelt ecoPET:

- is fire resistant to prevent the spread of fire
- is made from recycled plastic bottles and is fully recyclable again
- has a favorable sustainability profile (compared to glass and aluminum)
- does not contain VOCs or formaldehyde binders
- does not degrade, crumble or rot
- is durable and easy to clean
- provides excellent sound absorption properties

# 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.
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.