



**REBORN** COLLECTION

# **REFLECTION**

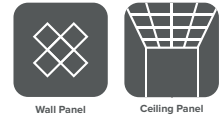
Designed by **Melika ÖZER**

Product Sheet

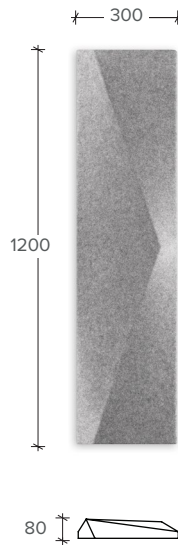
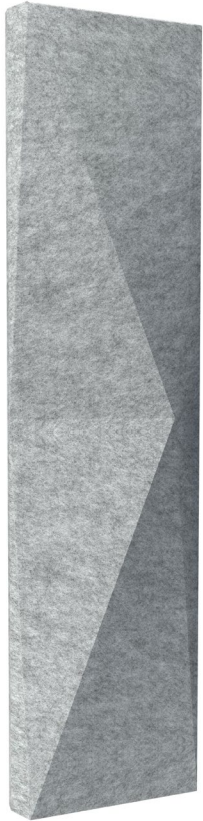
**FELTOUCH**

# REBORN COLLECTION

## REFLECTION



NRC Value: 0,80  
NRC Value + Feltfill: 1,00



Natural : 5 of 0,5 lt PET bottles were used  
Mandarin: 6 of 0,5 lt PET bottles were used



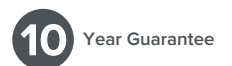
### PRODUCT DETAILS

**Composition**  
100 % polyester (recycled PET appx. 50 %)

**Raw Material Weight**  
1300g/m<sup>2</sup> (+/- 5 %)

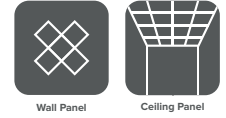
Code	Type	Dimensions (mm)	Installation	Product Weight Natural	Product Weight Mandarin
RB100M	Reflection Acoustic Ceiling Panel	W: 300 L: 1200 D: 80	Magnet	1,12 kg / per pcs. (+/-5 %)	1,26 kg / per pcs. (+/-5 %)
RB100V	Reflection Acoustic Wall Panel	W: 300 L: 1200 D: 80	Velcro	1,12 kg / per pcs. (+/-5 %)	1,26 kg / per pcs. (+/-5 %)

W: Width L: Length D: Depth



# REBORN COLLECTION

## REFLECTION



### PRODUCT CERTIFICATES

Acoustic Certificates  
ASTM C423 (US Standard)  
EN ISO 354 (EU Standard)

Certificate of Product Conformity  
EN 60598 (Lighting)

Certificate of Product Conformity  
EU 305/2011

Abrasion  
EN ISO 12947 / Result Performance 'A'

Declare  
Declare CdpH Standard method v1.2-201 /  
Result '10 + Years' (LEED v4)

Moisture Resistance  
EN 13964 2014 / Result 'Class B'

Classification of Reaction to Fire  
EN 13501 / Result 'B-s1,d0'  
EN ISO/IEC 17025 / Result 'Class A'

The Quality Management System  
ISO 9001:2015

The Environmental Management System  
ISO 14001:2015

Uv Exposure Testing  
ISO 4892-3:2016 / Result '5-4'

Bleach Cleanable  
ISO 105E03 / Result '5-4'

Environmental Labels and Declarations  
ISO 14025-2010: Labels / Result 'TIP III'

Ekoteks  
ISO 1833 / Result '100% Polyester'  
Fibre Composition

ISO 9237:1995 / Result '387.9 1/m<sup>2</sup>/sn'  
Air Permeability

ISO 4920:2012 / Result 'ISO 0'  
Spray Test

ISO 14419:2010 / Result '0 D'  
Oil Repellency

ISO 105 B02:1994 / Result '6+'  
Light Fastness Grade

SNV 195 651:1968 / Result '1'  
Sensoric Odour

ISO 14184-1:2011 Low VOC / Result 'N.D'  
Formaldehyde-Free

ISO 20743:2013 / Result 'Strong Efficacy'  
%99.9 Antibacterial structure

Superior thermal insulating 0,040 W/mK

MAS Certified Green  
CDPH Standard Method v1.2, Eligible for LEED v4

Material Safety

# Declare.

## 6 MM / 12 MM ACOUSTIC PET FELT FELTOUCH

**Final Assembly:** Duzce, Turkey  
**Life Expectancy:** 10+ Year(s)  
**End of Life Options:** Salvageable/Reusable in its Entirety, Take Back Program (Zeroburn.org), Recyclable (100%)  
**EU CoC Screened:** Does Not Contain

### Ingredients:

**Recycled PET Fibers:** Polyethylene Terephthalate; **Virgin Polyester Fibers:** Polyethylene Terephthalate

**Living Building Challenge Criteria:** Compliant

### I-13 Red List:

■ LBC Red List Free % Disclosed: 100% at 100ppm  
L LBC Red List Approved VOC Content: Not Applicable  
L Declared

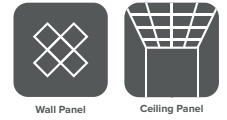
**I-10 Interior Performance:** CDPH Standard Method v1.2-2017  
**I-14 Responsible Sourcing:** Not Applicable

FEL-0001  
EXP 01 JUN 2023  
SCREENED: 25 MAY 2022  
Original Issue Date: 2022

MANUFACTURED RESPONSIBLY FOR LABC, ACCORDING TO  
INTERNATIONAL LIVING FUTURE INSTITUTE™ [living-future.org/declare](https://living-future.org/declare)

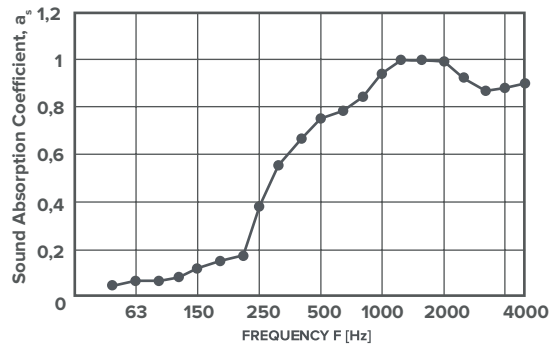
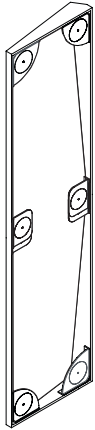
# FELTOUCH

# REBORN COLLECTION REFLECTION



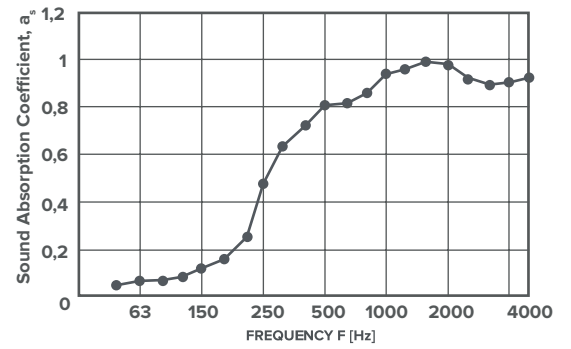
## PRODUCT ACOUSTIC RESULTS

### NATURAL COLOURS



Rating according to ISO 11654:	
Weighted sound absorption coefficient	
$a_w$	0,65
NRC	0,80
Sound absorption class:	C

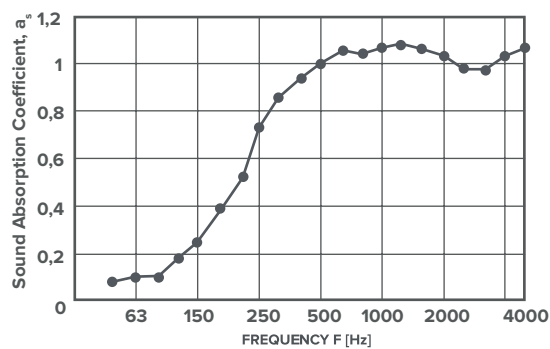
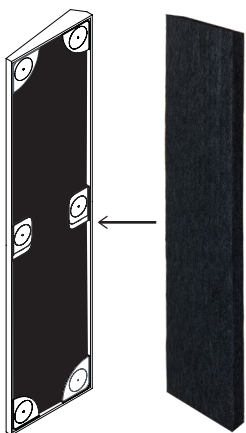
### MANDARIN COLOURS



Rating according to ISO 11654:	
Weighted sound absorption coefficient	
$a_w$	0,75
NRC	0,80
Sound absorption class:	C

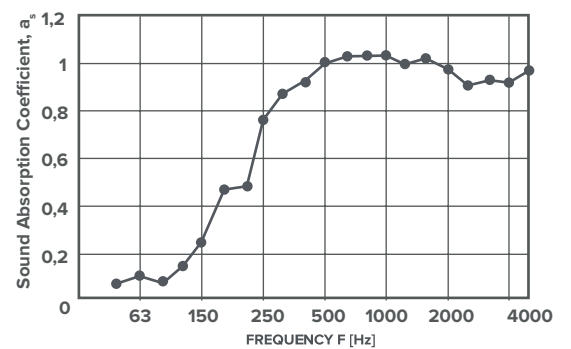
## PRODUCT ACOUSTIC PANEL WITH FELTFILL OPTIONS

### NATURAL COLOURS



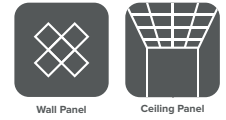
Rating according to ISO 11654:	
Weighted sound absorption coefficient	
$a_w$	0,95
NRC	1,00
Sound absorption class:	A

### MANDARIN COLOURS



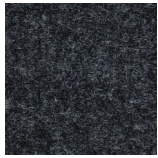
Rating according to ISO 11654:	
Weighted sound absorption coefficient	
$a_w$	0,95
NRC	1,00
Sound absorption class:	A

# REBORN COLLECTION REFLECTION



## PRODUCT COLOUR OPTIONS

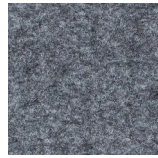
### NATURAL COLOURS



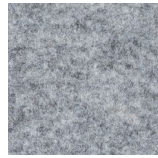
Shadow Black  
FLT03



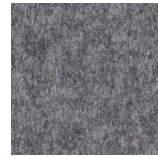
Antrasit  
FLT01



Ash Gray  
FLT04



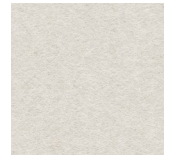
Silver Gray  
FLT02



Moon Beige  
FLT05



Stone Beige  
FLT08



Ivory Beige  
FLT06

### MANDARIN COLOURS



FLM33



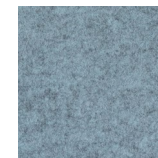
FLM03



FLM24



FLM20



FLM07



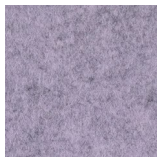
FLM11



FLM31



FLM32



FLM03



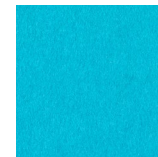
FLM23



FLM25



FLM06



FLM09



FLM13



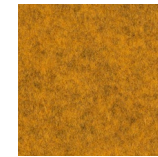
FLM26



FLM01



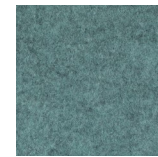
FLM22



FLM17



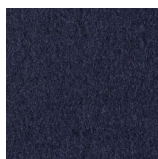
FLM27



FLM12



FLM15



FLM30



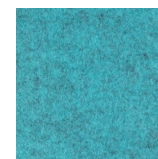
FLM21



FLM19



FLM05



FLM10



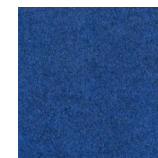
FLM16



FLM28



FLM18



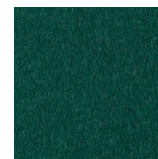
FLM04



FLM08



FLM14



FLM29

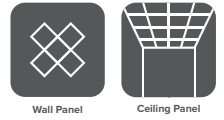


FLM34





# REBORN COLLECTION REFLECTION

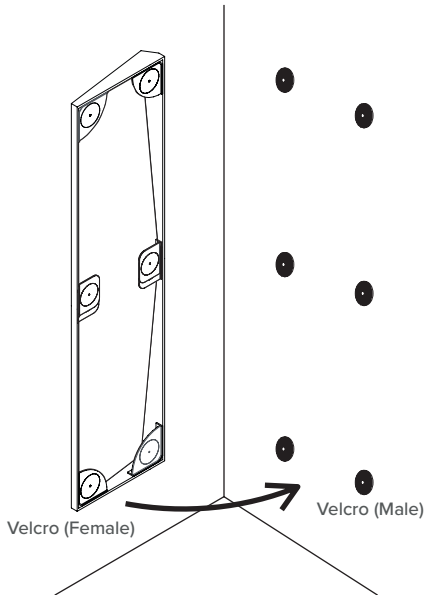


## PRODUCT INSTALLATION

### WALL PANEL



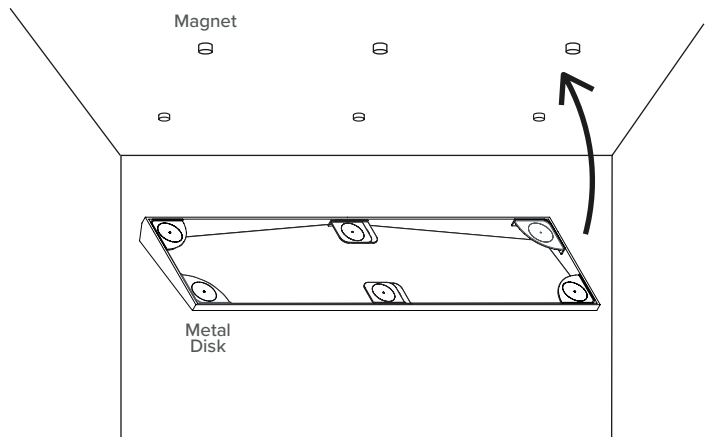
Velcro



### CEILING PANEL



Magnet



## PRODUCT REQUIRED TOOLS



Pencil



Drill



Laser Pointer

## PRODUCT CONTENT



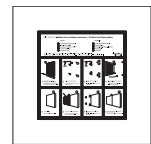
Screw



Rawplugs

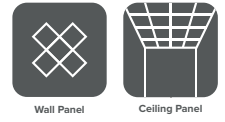


Magnets or Velcro

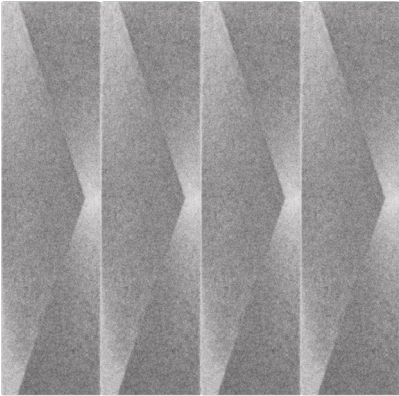


Template

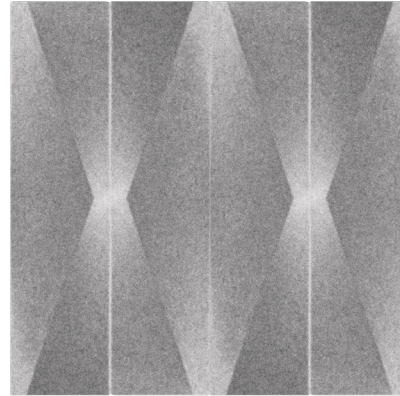
# REBORN COLLECTION REFLECTION



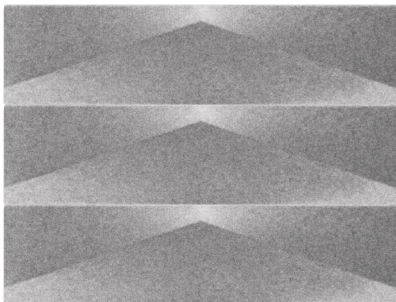
## PRODUCT CONFIGURATIONS OPTIONS



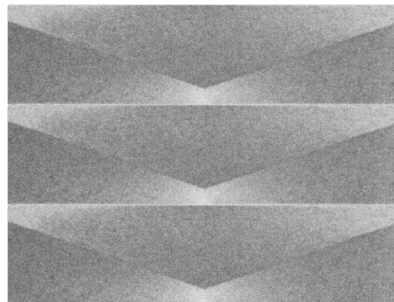
4 Acoustic Panel



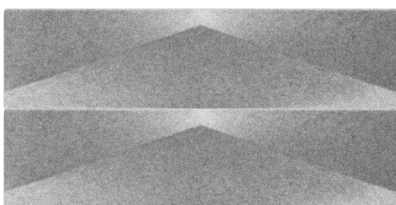
4 Acoustic Panel



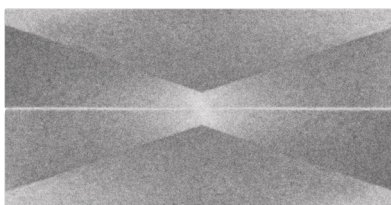
3 Acoustic Panel



3 Acoustic Panel

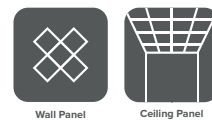


2 Acoustic Panel

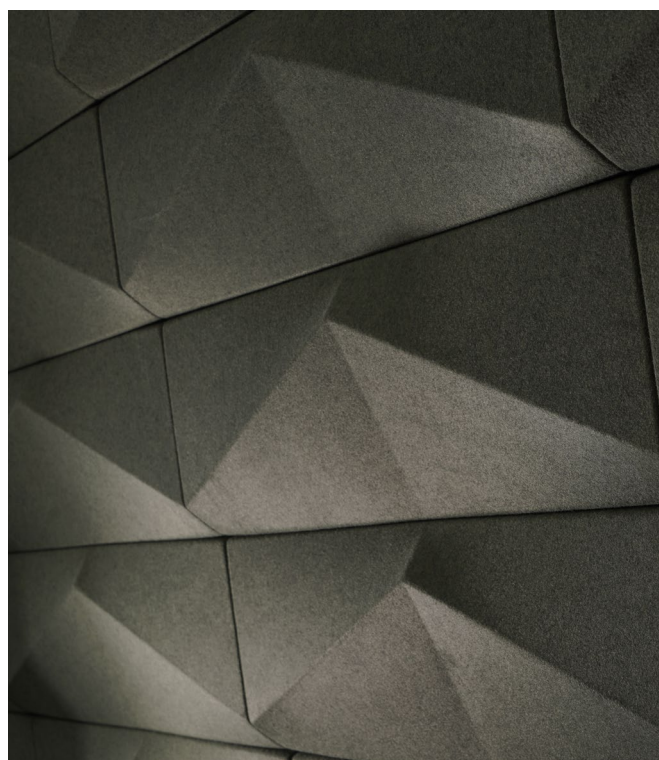


2 Acoustic Panel

# REBORN COLLECTION REFLECTION



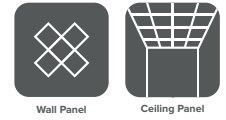
## REFERENCE PROJECT





# REBORN COLLECTION

## REFLECTION



### ABOUT PET FELT

- PET Felt is 100% polyester material %50 recycled from Pet Bottles.
- The material is produced with nonwoven technology without any chemical application from the production process to the end user.
- Thanks to its recycled content from the pet bottle, it does not contain more than 0.02% of the ambient moisture. Therefore, it also has an anti-bacterial and partially anti-allergic structure and is naturally hydrophobic. In this way, oil and water repellent, sun-proof, can be used in humid areas can be used in all indoor spaces.
- PET Felt is easy to clean and maintain.

### MAINTENANCE & CEILING INSTRUCTIONS

- Indoor use only
- Cleaning methods:



Wipe clean with a damp cloth



Vacuum regularly



Bleach cleanable (only natural colors)

- If a wet spill occurs,
  - Dry the liquid with a dry cloth as soon as possible to prevent absorption.
  - To remove stains, copious amounts of water can be applied to the surface with a cloth without rubbing. Generally, water is sufficient to remove light stains.
  - If the stain does not come off with water, a mild detergent may be used. Avoid from the hard detergents.
  - If the product is portable and small enough, it is best to take the services of a professional dry cleaning company.
  - Lastly, dry it with a dry towel while still wet.
- If a stubborn stains occurs,
  - Collect the stain with a dry cloth as soon as possible to prevent absorption.
  - To remove stains, firstly apply copious amounts of water to the surface with a cloth without rubbing.
  - If the stain does not come off with water, a mild detergent should be used. Avoid from the hard detergents.
  - If the product is portable and small enough, it is best to take the services of a professional dry cleaning company after the first intervention
  - Lastly, dry it with a dry towel while still wet.
- During cleaning process, avoid excessive friction and rubbing as it can continue the felting process and change the appearance of the felt surface.
- It is recommended that the cleaning method be tested in an inconspicuous area.



# FELTOUCH

FELTOUCH.COM

