

FELTOUCH  
SUSTAINABLE ACOUSTIC DESIGN

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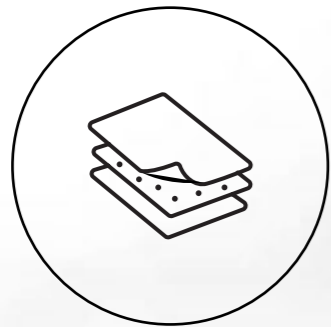
**COMPANY**  
PROFILE  
2024

FELTOUCH.COM





COLLECT



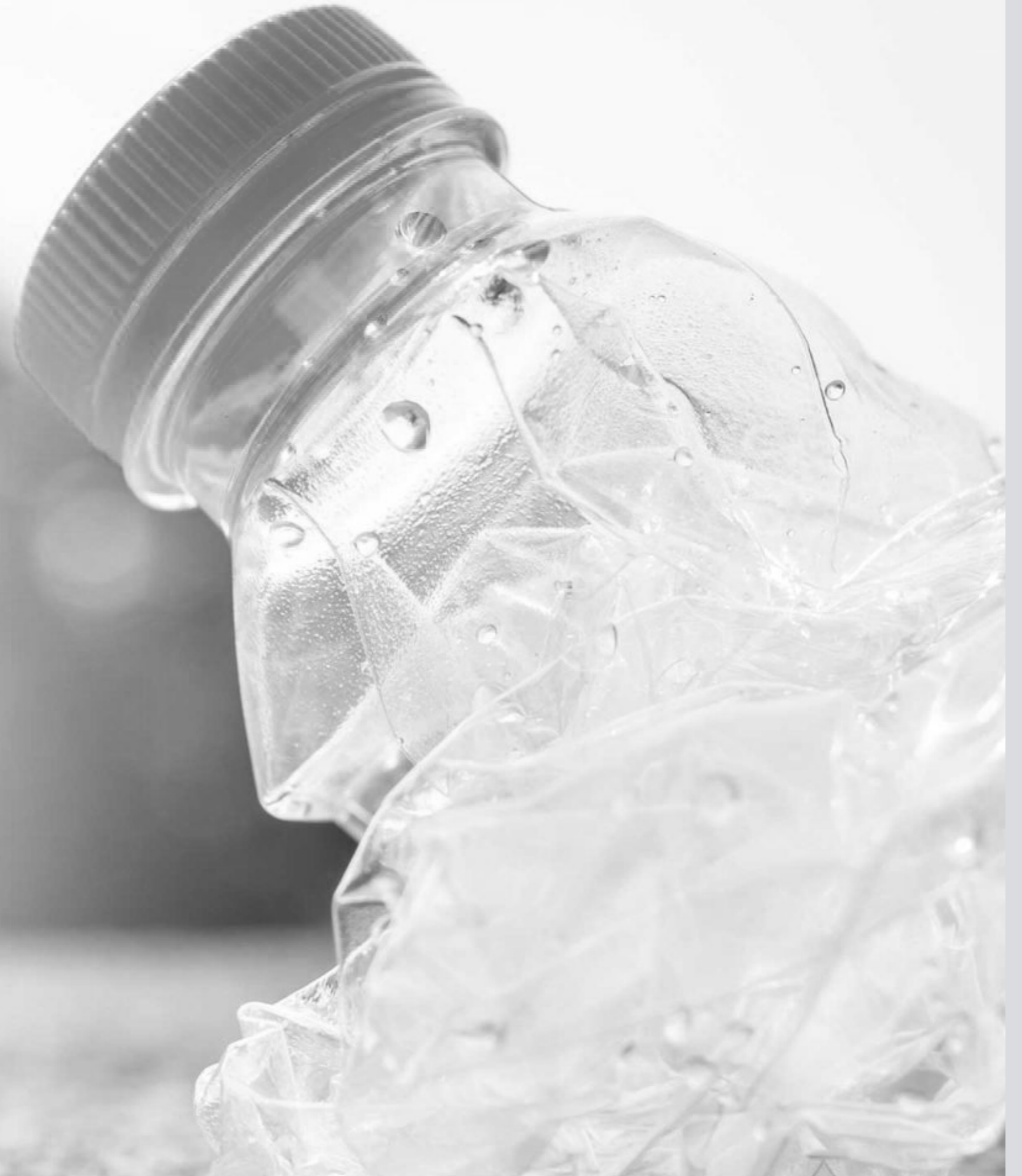
CONVERT



CREATE



LOVE EARTH





# ABOUT

Feltouch is a manufacturing and product development company specializing in PET felt with advanced fibre & non-woven textile technology. Our main target is to supply a diverse range of consumer, commercial and innovative industrial felt products to markets all over the world. We design high performance acoustic absorbers using unique & smart designs for all interior spaces to improve speech intelligibility, well being, concentration and performance. Feltouch offer various kind of solutions through range of standard or customizable products tailored to projects. We have a limitless will to work alongside architects, interior designers and facility managers to offer the best possible acoustic, acoustic lighting and decorative outcome for interiors.



We are focused on to discover the customer needs and poke to deliver them. We are available to provide free service about our products on acousitcs and interior design. We have limitless will to work alongside architects, interior designers and facility planners to offer the most efficient lighting, acoustic and decorative outcome for interior spaces. It is our responsibility to offer market based creative solutions including niche products to meet specialized customers needs. On behalf of the experiences behind the Start-up harmony, continuous diversification, perfectual growth and sustainability are basic principles of Feltouch team.



# OUR PHILOSOPHY

A word cloud graphic representing the company's philosophy. The words are arranged in various orientations and sizes, with 'ACOUSITIC' and 'DESIGN' being the most prominent. Other visible words include: SUSTAINABLE, RECYCLABLE, FURNITURE, LIGHT, WORLD, CIRCULARITY, %50 PET, WASTE MATERIAL, ACUSTIC ENGINEERING, HANGING, SMART INSTALLATION, OPEN SPACE, CUSTOMIZABLE, SOUND ABSORBING, INTERIOR, RECYCLING, WORK SPACE, ARCHITECTURE, AESTHETICALLY, ZERO BURN, BLEACH CLEANABLE, ANTIBACTERIAL, CLEANABLE, LEFTOVERS, FIRE RETERDANT, HOSPITALITY, AWARDS, MATERIAL, SUPPORT, CLADDING, MANDARIN COLORS, SAMPLS, LOW VOC, EXHIBITION, KNOWLEDGE, OFFICE, METHODS, RESPONSIBILITY, MAXIMUM PERFORMANCE, RESEARCH, ENVIROMENT, TESTS, LIGHTING, DESIGNER, EXCLUSIVIE, CREATIVITY, %100 FIBER, MANUFACTURE, EARTH, USER EXPERIENCE, DEVELOPMENT, EVENTS, NATURAL COLORS, COLLORABORATION, EXPORT, CEILING PANELS, CEILING, ARC, FELT, PET, UP CYCLING, WALL PANELS, RECYBLE, FORMALDEHYDE-FREE, VOC, AND ARCHITECTURE.



## DESIGNERS



AYÇA AKKAYA KUL  
Architect & Industrial Designer



KEREM ÖZMEN  
Interior Architect & Environmental Designer



ALİ BERKMAN  
Lighting Designer



DAVID FOX  
Designer



YİĞİT ÖZER  
Product Designer



EMMA ROBSON  
Designer



MELİKA ÖZER  
Industrial Product Designer



RIANNE KOENS  
Designer

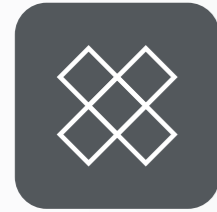
## MANUFACTURING AND DEVELOPMENT

We are producing in an area of 13000 square meters in Düzce Turkey. As the leader of the world's largest and highest quality formed felt technology, we offer new designs every year.

7 Natural felt We offer a wide range of colors with 33 Mandarin colours. By offering acoustic and lighting comfort together, we provide sustainable comfort to users.



# ACOUSTIC SOLUTIONS



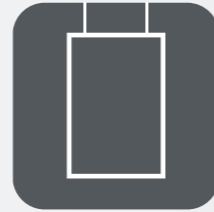
WALL PANEL



CEILING PANEL



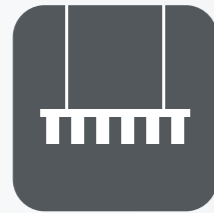
CLADDING



HANGING



FURNITURE



CEILING



LIGHTING



CUSTOMIZABLE



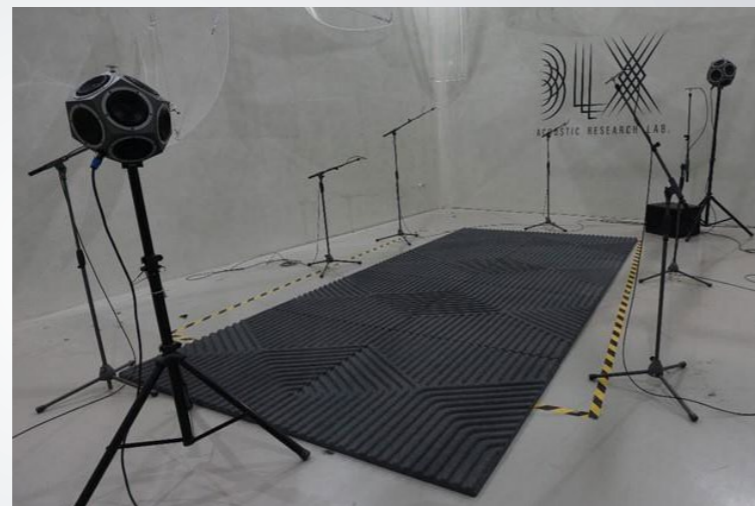
# ACOUSTIC DESIGN



## ACOUSTIC ENGINEERING

We are proud as the company that performs the most acoustic tests. BLX is accredited for each product with expert engineers in the acoustic laboratory environment. We publish with versions conforming to European and American standards.

We recommend our products with acoustic reports for interior spaces according to their values.



## PRODUCT FEATURES

- High Acoustic performance (ISO 11654 and EN 354, ASTM C423) up to class A
- Fire Retardant and self-extinguishing (EN-13501) B,S1,d0
- Low VOC, formaldehyde-free (ISO-14184)
- Superior thermal insulating 0,040 W/mK
- Light fastness grade 6+ (ISO-105 B02)
- %99.9 Antibacterial structure (ISO-20743)
- Long lasting moulded and resistant to impact, moisture and humidity
- Compared to alternative materials; they are extremely lightweight, apx.1,5kg / M2
- Designed for easy assembly and installation
- Easy to clean with a damp cloth or vacuum cleaner



# AWARDS

## 2024 ALTIN CEKUL AWARDS

Community Social Responsibility 1st Prize

## 2023 BIG SEE PRODUCT DESIGN AWARD

Sense Collection / Flux

## 2023 IF DESIGN AWARD

Sense Collection / Flux

## 2023 RED DOT DESIGN AWARDS (BEST OF THE BEST)

Sense Collection / Flux

## 2023 ALTIN CEKUL INTERNATIONAL BUILDING CATALOG AWARDS

Zero Burn

## 2022 ARCHITIZER A+ PRODUCT AWARDS

Sparkle Collection / Bowl & Ripple Lighting  
Sense Collection / Vertigo

## 2022 EUROPEAN PRODUCT DESIGN AWARD

Sense Collection / Vertigo

## 2022 IF DESIGN AWARD

Sense Collection / Vertigo

## 2022 ALTIN CEKUL INTERNATIONAL BUILDING CATALOG AWARDS

Reborn Collection

## 2021 EUROPEAN PRODUCT DESIGN AWARD

Sparkle Collection / Bowl & Ripple Lighting

## 2021 DESIGN TURKEY

Sense Collection / Vertigo  
Sparkle Collection / Bowl & Ripple Lighting

## 2021 ARCHITIZER A+ PRODUCT AWARDS FINALIST

Make-Up Collection / Make-Up Divider

## 2017 RAF AWARD

Decosound Collection / Rhino Triangle  
Sense Collection / Diagon





# EVENTS

## FAIR & EXHIBITIONS

**2023 WORKSPACE AMSTERDAM**  
RAI, AMSTERDAM, The Netherlands

**2023 ARCH FOR M.E.**  
İzmir, TURKEY

**2023 INDEX DUBAI**  
Dubai, UNITED ARAB EMIRATES

**2023 CLERKENWELL**  
London, ENGLAND

**2023 ORGATEC**  
Tokyo Big Sight, JAPAN

**2022 ORGATEC**  
Cologne, GERMANY

**2022 DAC SPACE**  
Istanbul, TURKEY

**2022 MATERIAL DISTRICT**  
Utrecht, THE NETHERLANDS

**2021 MIMARSIV SELECTION**  
Istanbul, TURKEY

**2019 MIMARSIV SELECTION**  
Istanbul, TURKEY

**2019 NEOCON**  
Chicago, Illinois, USA

**2018 ORGATEC**  
Cologne, GERMANY



2023 AMSTERDAM  
WORKSPACE



2023 ARCH FOR M.E.



2023 INDEX DUBAI



2023 CLERKENWELL



2023 ORGATEC TOKYO



2022 ORGATEC COLOGNE



2022 DAC SPACE



2022 MATERIAL DISTRICT



2019 NEOCON

We participate in international events and competitions. We come together with university students and talk about both the material and the acoustic comfort. We take part in B2B events and give group invitations at our headquarters. We rely on designer collaborations and meet new designers.



2018 ORGATEC

# EXPORT



We export sustainable acoustic design from Turkey to the World. We support all our partners at all times. We manage all processes quickly and effectively with our partners that we have worked with since the day we were founded.

## FELTOUCH HEADQUARTERS

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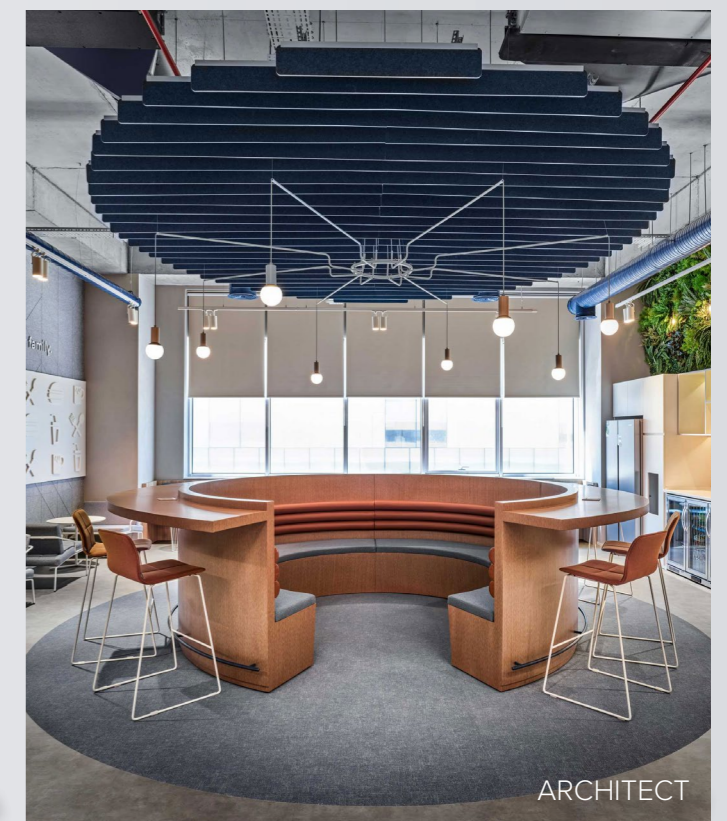
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[info@feltouch.com](mailto:info@feltouch.com)



# REFERENCES



MORE  
REFERENCE  
PROJECTS







# 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

**ABRASSION**  
EN ISO 12947 / Result Performance 'A'

**DECLARE**  
Declare CdpH Standard method v1.2-201 / Result '10 + Years'

**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'  
Japan Standard 'Pass'

**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

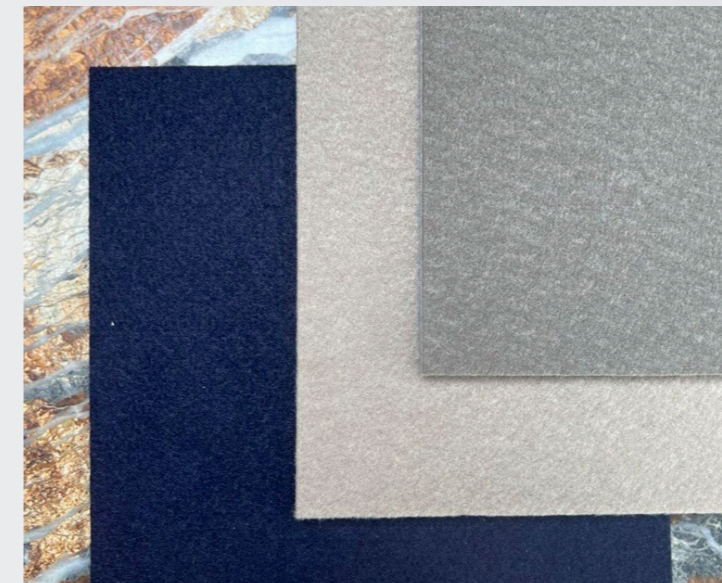
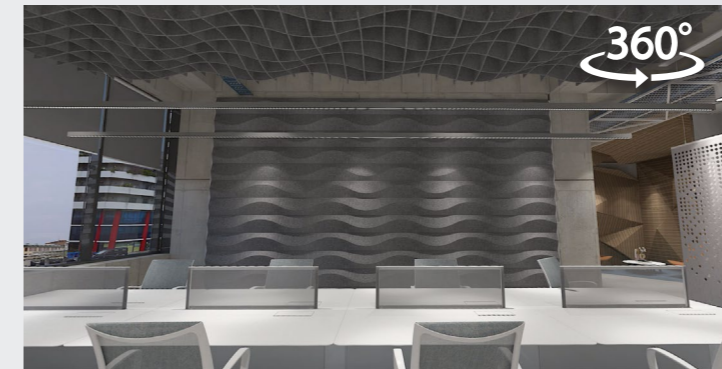
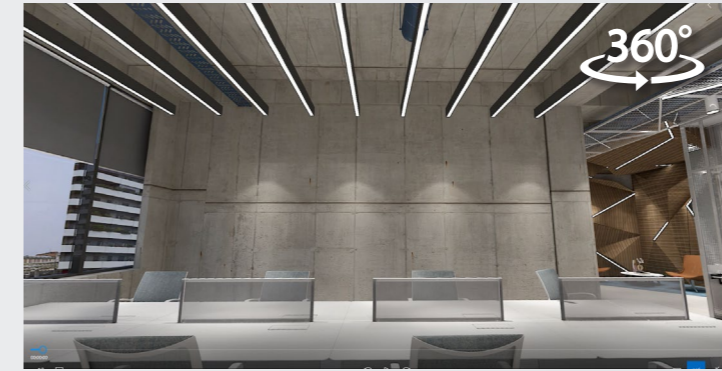
**MAS CERTIFIED GREEN**  
CDPH Standard Method v1.2

**MATERIAL SAFETY**



# EXPERIENCE

We care about the acoustic experience. We create virtual environments with values calculated in the laboratory environment. We can make you feel the experience of our products without using them.



Touching the material is an indispensable element of interior design. We prepare samples so that users can decide. We always prefer leftover PET felt when preparing these color samples.

# ZERO BURN

## Why do we do this project?

With the knowledge we have today on how products impact the environment we can transition from products that have a linear lifetime to products which can be taken back into the chain. Feltouch already made a great step towards responsible manufacturing by using at least 50 percent recycled pet bottles and avoiding rest material as much as possible. Cutting material during production, however, is unavoidable. Together with the automotive industry felt production is facing 5 ton of waste material monthly. This is going to the stake now, which in this case, is a waste of material and harms the environment.

## How do we want to create transition?

To build the process in a responsible way we will collaborate with consultancies, professors and students. We will research the area of the factory and see if we can make any symbiose with other leftover materials. Turkish and Dutch designers with great feeling for material will be involved to experiment with the material.

## What is the aim of the project?

We hope to make the topic "circularity" more understandable to inspire the manufacturing industry

of Turkey and give an idea how to solve this topic. We aim to find a beautiful innovative material with a high artistic value.

## What is the value of the project?

Zero Burn should solve what to do with the leftover material, but also to be able to take the products made from PET felt back into the chain. This new material will be a wonderful design field for product designers.

**"Love the earth, respect nature, we say: Zero Burn"**



## RIANNE KOENS

Rianne Koens graduated cum laude from the Design Academy Eindhoven in 2011. Her graduation project "Peelpride" got awarded and her stackable "Otura cabinet" got nominated. Thanks to this success she launched the design label Otura in 2012. She started with the production of the cabinets in Portugal.

Recently she is in transition from linear to circular design in collaboration with Feltouch and other Dutch and Turkish designers. Her first circular project Zero Burn presents on the Zero Burn web site.



[zeroburn.org](http://zeroburn.org)  
[/zeroburn](https://www.instagram.com/zeroburn)

Zero Burn Presentation Video



## Circularity Quickscan by Heleen de Fooij

On 16 September 2021 circularity consultant Heleen de Fooij from Witteveen + Bos visited Feltouch with a delegation of Feltouch and ZeroBurn. This short memorandum contains a quickscan of the Feltouch production process' circularity.



## Awarded Project

We were deemed worthy of an award with our ZERO BURN project at the "GOLDEN PLUMB International Building Catalog Awards", which came to life for the 28th time under the roof of Building Catalog, the first and only material catalog of Turkey.



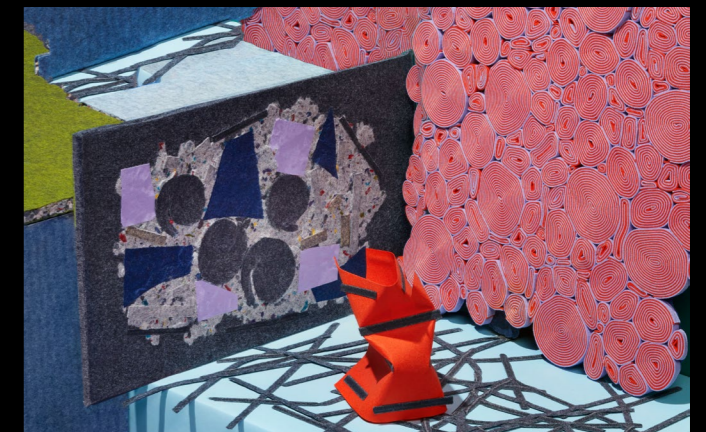
## Zero Burn was at Material District!

The Material District took place in Utrecht on April 5-7. In the event where many materials were exhibited, Zero Burn took part in a booth in collaboration with Feltouch.



## OTTAN Joined Zero Burn Project!

OTTAN tried to mix some agriculture waste materials with Feltouch PET felt leftovers. We got new different experiments from OTTAN.



## 160 Experiments Of Zero Burn

We set out 6 months ago to support products that use less energy and have a longer life in the Circular Economy model. In this journey of discovery, we discovered how to use the material in different aspects through the work of Envision Design Lab and Ottan Studio.

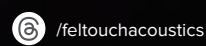
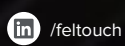
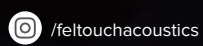


## Envisions Joined Zero Burn Project!

The Envisions Design Lab team from the Netherlands started working on the project.



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