



2 Pollutions 1 Solution

innovative
noise **control**

www.hatkosoundbarrier.com

Minimum
Carbon Footprint



**Hatko Recycled
Rubber Noise
Barriers
are truly
eco-friendly**

- Using recycled rubber derived from end-of-life tyres
- Certified by EPD



HATKO PRODUCTION FACILITIES

Founded
1985

Team
110 Staff

Exports
110 Country

Hatko Group of Companies

Founded in 1985, **Hatko** operates in diverse sectors, including noise barriers, synthetic turf, and dairy equipment, with a strong commitment to sustainability at its core. As the first and only Turkish member of **The ENBF - European Noise Barrier Federation** and **The IRF - International Road Federation**, Hatko is recognized for its innovative and environmentally conscious solutions. With a dedicated team of over 110 employees, **Hatko Group of Companies** drives its mission for sustainable development through its offices and state-of-the-art manufacturing facilities in Istanbul, Iskenderun, and Osmaniye.

Honored with multiple domestic and international awards for achievement and quality, **HATKO** is founded on 3 basic principles:

**SUSTAINABLE,
SMART
and SAFE.**

PORTUGAL FACTORY



2 Pollutions 1 Solution Strategy (2P1S) ;

Hatko Recycled Rubber Noise Barriers are the Perfect Solution for the two main problems; Discarded Tyres and Noise Pollution.

Waste is a Resource When It is Properly Managed

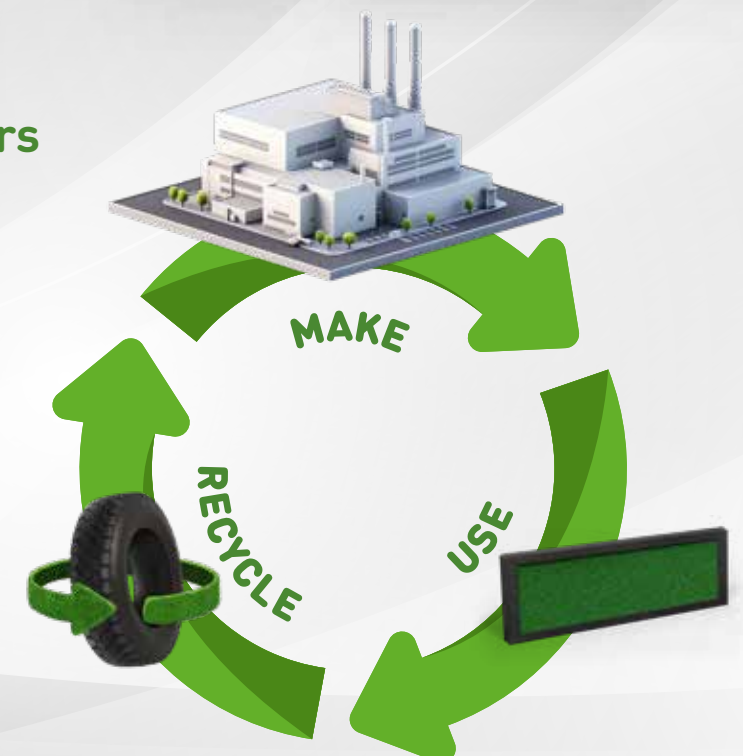


Recycled rubber derived from recycling of car and truck tyres are used in Hatko Noise Barriers in order to provide

- + Sustainability: preserving natural resources, opportunity to reduce carbon footprint,
- + Noise mitigation to a desired level,
- + Resistancy to the toughest weather conditions,
- + Opportunity to be recycled after end-of-life,
- + Creating value in a circular economy,
- + Stylish appearance by the help of the synthetic turf,
- + Fully customizable design,
- + Low Carbon Footprint, as declared in **EPD**,
- + To be able to create hybrid systems such as solar panel applications for net zero target.

Hatko Recycled Rubber Barriers make an infinite contribution to **the circular economy.**

Hatko Recycled Rubber Noise Barriers can be recycled after end-of-life. In this way, it creates endless value in the circular economy



The World's Lowest-Carbon Noise Barrier

CO₂

Hatko is committed to net zero greenhouse gas emissions, nature positive, healthier planet with ambitious goals set for 2030. **Hatko** recognises that a balance between anthropogenic emission sources and removals is needed to limit global warming.

The CO₂ emission of 1 sqm of Hatko Recycled Rubber Noise Barrier is only

2.7 kg CO₂ equivalent



World's 1st Carbon Neutral Rubber Noise Barrier

Global Centre of Rail Excellence (GCRE), The UK



Project : Global Centre of Rail Excellence (GCRE)
Color : Black + Green
Height : 2 m
Country : United Kingdom



We are proud to partner with **GRAMM** and **Global Centre of Rail Excellence (GCRE)** to deliver the world's first carbon-neutral noise barrier – using **Hatko's** innovative noise barrier technology. This sustainable solution combines effective noise reduction with environmental responsibility, making it a smart choice for urban infrastructure projects. The **Hatko** noise barrier not only protects communities from noise pollution but also reflects our dedication to sustainability and safety. It's fantastic to work with like-minded partners who share our vision of creating safer, smarter, and more sustainable cities.

Thank you to the dedicated teams at **GRAMM** and **Global Centre of Rail Excellence (GCRE)** for their hard work in making this project a success!



Project : 1915 Çanakkale Bridge
Color : Black + Green
Logo : Grass
Height : 3 m
Location : Çanakkale
Country : Türkiye

1915 Çanakkale Bridge

Hatko Sound Barriers provide superior performance

- + Offers the best solution for noise mitigation applications, providing road safety and noise reduction,
- + High noise mitigation performance and high design life,
- + Least carbon footprint in the industry, perfect way of decarbonization,
- + Endless contribution to circular economy,
- + Climate and maintenance free,
- + Fire resistant,
- + Easy setup and installation,
- + Stylish look prioritizing aesthetics and acoustics,
- + 10 years of warranty.



YSS Bridge and Northern Ring Motorway



Project : YSS Bridge and Northern Ring Motorway (ICA)
Color : Black + Green
Height : 3-4 m
Location : İstanbul
Country : Türkiye





Northern Marmara Motorway (KMO)

HATKO Sound Barriers successfully enhance the health and well-being of the nearby residents..

Preventing the noise of the highways and railways, not only providing a better living experience for residents but also increases the value of the properties in the area.

Project : Northern Marmara Motorway (KMO)

Color : Black + Green

Height : 3-4 m

Location : Istanbul

Country : Türkiye





Road Rome Advanced District



Proje : Road Rome Advanced District - Rome, Italy
Color : Black + Green
Height : 2 m
Location : Rome
Country : Italy



Ascendi, Norte A11



Project : Norte A11, Porto
Color : Black + Green
Height : 3 m
Country : Portugal



Project : Kalyon PV R&D Centre
Color : Black + Green
Height : 3 m
Location : Ankara
Country : Türkiye



Kalyon PV R&D Centre

The first PV-integrated highway noise barrier of Türkiye is boosting the energy of the highways!

Hatko have installed its first solar-powered noise barrier as part of successful research and development efforts. **Hatko's** goal is to create solutions that bring its benefits to life and to make highways and railways quieter and safer while making the most of solar energy, which is good for the environment.

This technology not only gives drivers and passengers a comfortable journey but also helps to produce electricity for highway illumination and nearby communities, making life more comfortable for everyone while endlessly contributing into the circular economy.



Project : TAV Almaty Airport
Color : Black + Green
Height : 3 m
Country : Kazakhstan

TAV Almaty Airport





Project	: Çekmeköy National Park
Color	: Black + Green
Logo	: Grass + 3D
Height	: 3 m
Location	: Istanbul
Country	: Türkiye

Çekmeköy National Park

Hatko provides exceptional end to end services by the help of its expert staff specialized in acoustics, construction, customer service, R&D and supervision. **Hatko** measures, assesses and controls the noise.

- + Acoustic mapping in order to measure the noise levels,
- + Determining the optimum demand for the noise barrier project,
- + Preparation of application project and construction drawings,
- + Supervision services,
- + Tailored designs of hybrid systems,
- + Complete service of infrastructure and installation,
- + Reporting of the performance of the noise barrier project after installation.



By successfully minimizing the noise around high traffic areas such as urban highways, train and tram routes; HATKO Recycled Rubber Noise Barriers enhance the health and well-being of all residents preventing a variety of health effects by providing quieter, less stressful environments.



Gaziantep Municipality Bridge



Project : Gaziantep Municipality Bridge
Color : Black + Green
Height : 3 m
Location : Gaziantep
Country : Türkiye



Turkish Radio and Television Corporation



Project : Turkish Radio and Television Corporation
Color : Black + Green
Height : 6-11 m
Location : Istanbul
Country : Türkiye





25 December Panorama Museum



Project : 25 December Panorama Museum
Color : Black + Green
Height : 6 m
Location : Gaziantep
Country : Turkiye

Noise Solution to Cooling & Heating Systems, Generators



Park Azur Residence



Project : Park Azur Residence
Color : Black + Green
Height : 2 m
Location : Bodrum
Country : Turkiye



Fatih Sultan Mehmet Sports and Cultural Center



Project : Fatih Sultan Mehmet Sports and Cultural Center
Color : Black + Green
Height : 4 m
Location : Istanbul
Country : Turkiye



Istanbul Municipality Ulus Facility



Project : Istanbul Municipality Ulus Facility
Color : Black + Green
Logo : Grass
Height : 3 m
Location : Istanbul
Country : Turkiye



Ministry of Treasury and Finance Turkish State Mint and Security Printing



Project : Ministry of Treasury
and Finance Turkish
State Mint and Security
Printing
Color : Black + Green
Height : 3 m
Location : Istanbul
Country : Turkiye



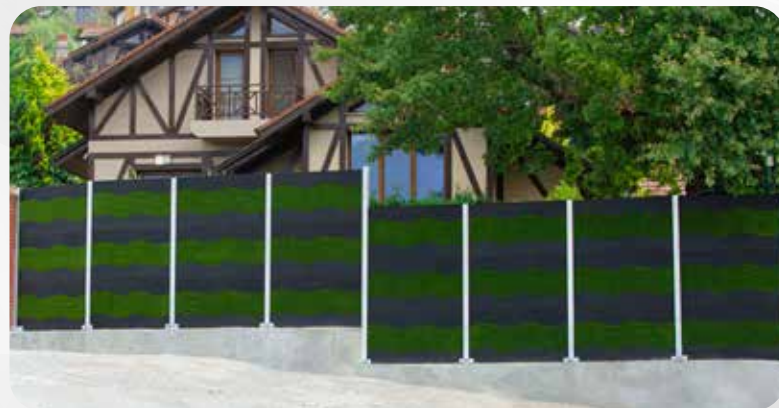
Sahinbey Municipality Public Library Project



Project : Sahinbey Municipality
Public Library Project
Color : Black + Green
Height : 3 m
Location : Gaziantep
Country : Turkiye



Riva Mansions



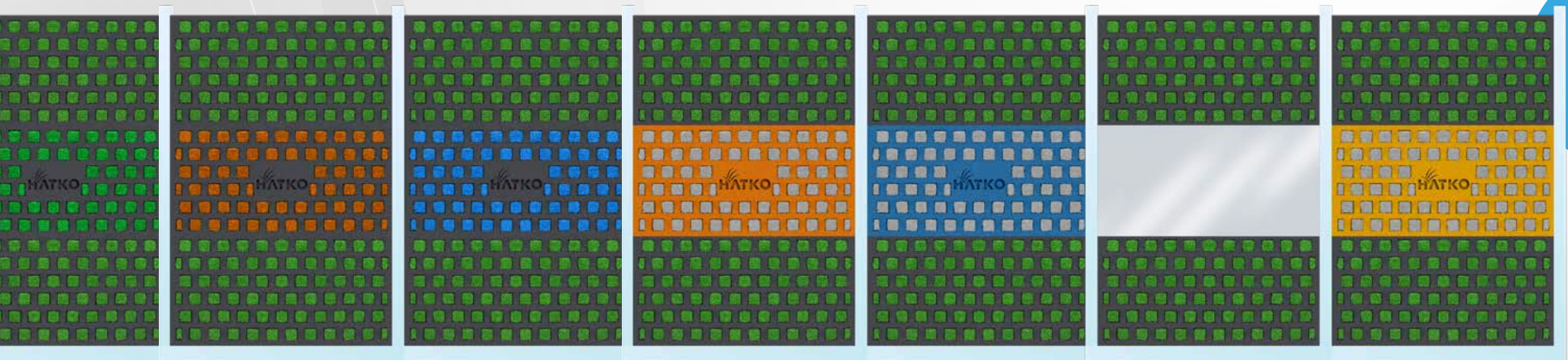
Proje : Riva Mansions
Color : Black + Green
Height : 3 m
Location : Istanbul
Country : Turkiye



Burgaz Mansions



Project : Burgaz Mansions
Color : Black + Green
Height : 4 m
Location : Istanbul
Country : Turkiye

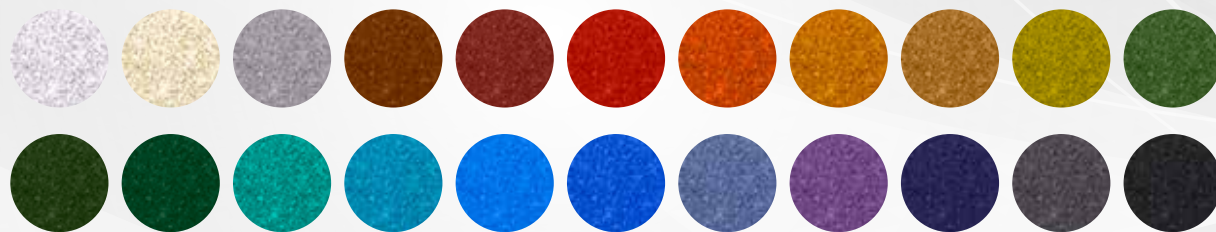


Stylish Grass Design

Artificial grass decoration is perfectly paired with Hatko Recycled Rubber Barriers. For the clients thinking outside the green, there are many colours available while being designed for being exposed to all adverse weather conditions.

Artificial grass inlay logos are fully customizable, down to the smallest details.

Alternative Rubber Colour Options



Bespoke Pattern Weaving



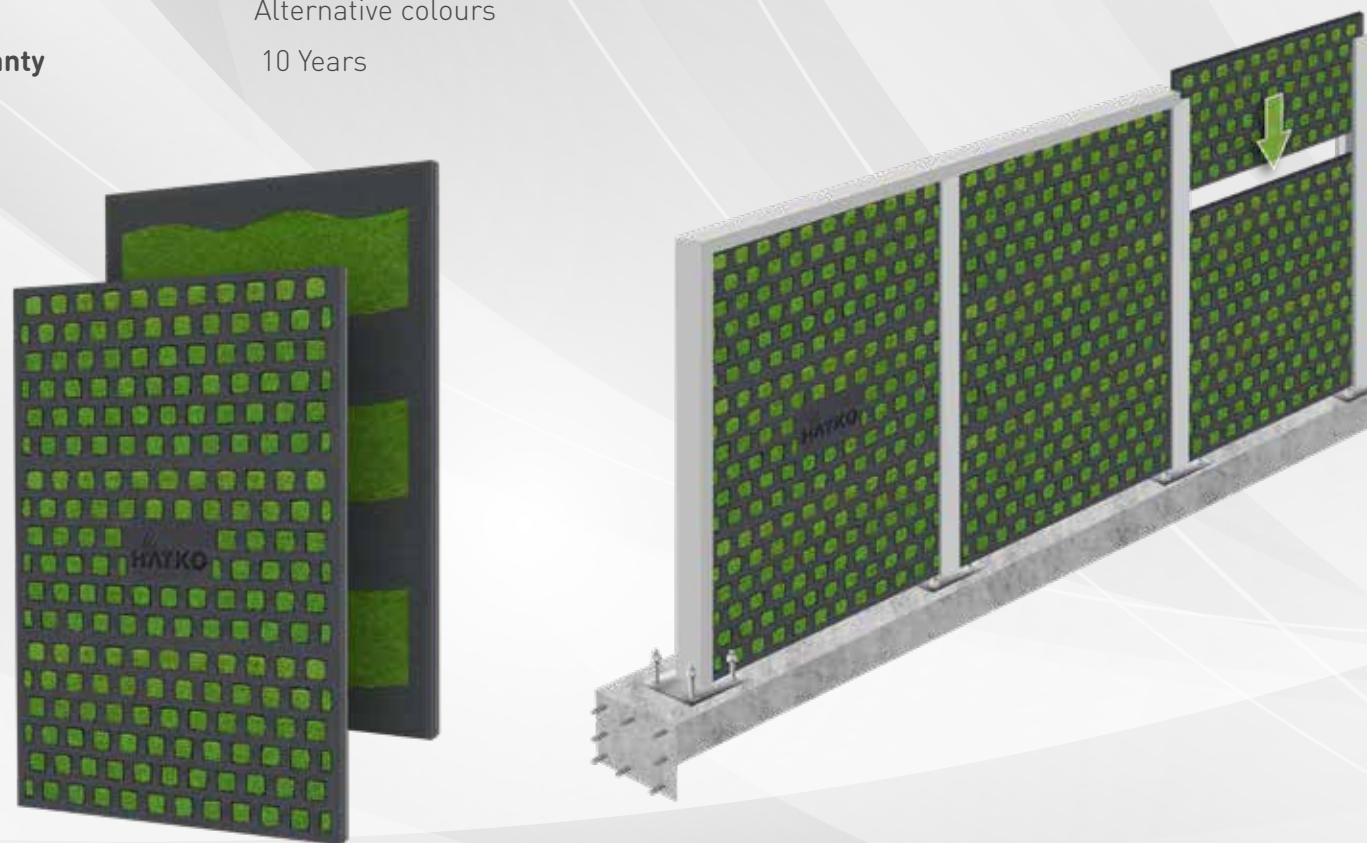
PRODUCTS

Model NB1

Material	Recycled Rubber
Dimensions	100 cm x 200 cm x (+/- 1%)
Thickness	80 mm (+/- 1%)

Features

Surface Design	Front: 10 cm x 10 cm grids of artificial grass Back: Artificial grass with wavy design Double-faced usage
Internal Reinforcement	Rigid structure
Design Alternatives	Customizable inlay logo application Decorative artificial grass options Alternative colours
Warranty	10 Years



Model NB2

Material	Recycled Rubber
Dimensions	50 cm x 200 cm x (+/- 1%)
Thickness	80 mm (+/- 1%)

Model NB3

Material	Recycled Rubber
Dimensions	50 cm x 300 cm x (+/- 1%)
Thickness	80 mm (+/- 1%)

Features

Surface Design	Front: Artificial grass weaved LDPE foam in chamber Back: Artificial grass
Internal Reinforcement	Rigid structure
Design Alternatives	Customizable inlay logo application Decorative artificial grass options Alternative colours
Warranty	10 Years





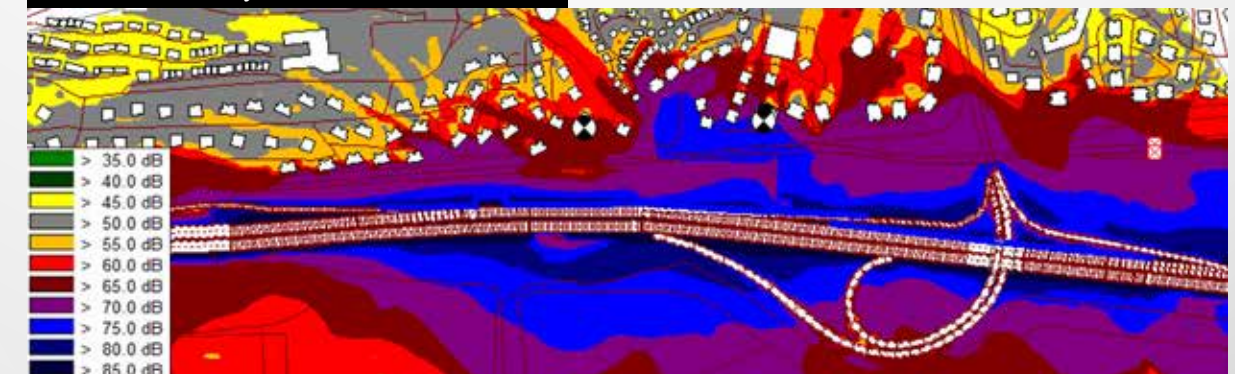
Advantages and Benefits

- + Being produced of recycled rubber derived from end-of-life tyres; it is the most sustainable solution for noise barrier projects,
- + Endless contribution into the circular economy,
- + High performance of noise insulation and absorption,
- + Significantly reducing the noise of the traffic without compromising the view, aligning with the nearby scape thanks to its aesthetic design,
- + With its dual face design, can be adapted to any environment,
- + Reinforced with a rigid backbone for extra stability,
- + Ease of installation and reinstallation,
- + Requiring no maintenance,
- + Designed to resist to fires obtaining safety for nearby environment and passive fire protection,
- + Resistance when exposed to all adverse weather conditions,
- + Resistance to abrasion gaining high durability,
- + Compliance with the requisite international standards.

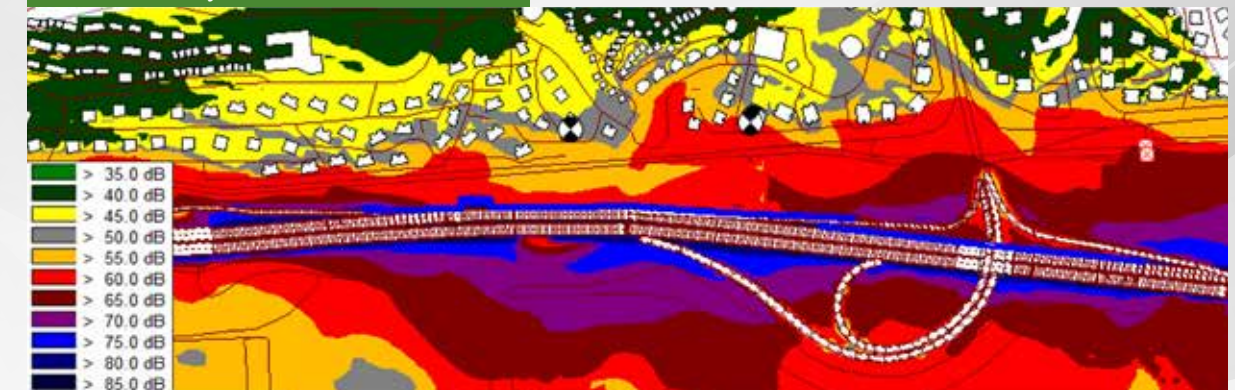
Assessment and Analysis

Hatko Recycled Rubber Noise Barriers provide accurate results with simulations prepared before the actual application.

Without Hatko Recycled Rubber Noise Barriers



With Hatko Recycled Rubber Noise Barriers



References of Noise Barrier Projects

YEAR	PROJECT	COLOR	CUSTOMIZED DESIGN	HEIGHT	AREA	DISTRICT	COUNTRY
2025	TAV Almaty Airport	 	None	3 m	-	Almaty	KAZAKHSTAN
2025	Turkish Radio and Television Corporation	 	None	6-11 m	-	Istanbul	TURKIYE
2025	ROAD - Rome Advanced District	 	None	2 m	-	Rome	ITALY
2025	Ascendi - Norte A11	 	None	3 m	150 m ²	Porto	PORTUGAL
2024	Global Centre of Rail Excellence (GCRE)	 	None	2m	200 m ²	Wales	The UK
2024	Fatih Sultan Mehmet Sports and Cultural Center	 	None	4 m	200 m ²	Istanbul	TURKIYE
2024	Ministry of Treasury and Finance Turkish State Mint and Security Printing	 	None	3 m	120 m ²	Istanbul	TURKIYE
2024	Sahinbey Municipality Public Library Project	 	None	3 m	200 m ²	Gaziantep	TÜRKİYE
2023	Northern Marmara Motorway (KMO)	 	Grass Logo	3 & 4 m	2500 m ²	Istanbul	TURKIYE
2022	Yavuz Sultan Selim Bridge and Northern Ring Motorway (ICA)	 	Grass + 3D Aluminium Logo	3 & 4 m	5304 m ²	Istanbul	TURKIYE
2021	1915 Çanakkale Bridge	 	Grass logo	3 m	3000 m ²	Canakkale	TURKIYE
2024	Kalyon PV R&D Centre	 	Grass Logo + PV Solar Panels	3 m	198m ²	Ankara	TURKIYE
2022	Çekmeköy Municipality	 	Grass + 3D Aluminium Logo	3 & 4 m	4106 m ²	Istanbul	TURKIYE
2022	Almaty TAV International Airport	 	None	4 m	3928 m ²	Almaty	KAZAKHSTAN
2023	Emlak Konut - Çekmeköy Community Park	 	None	3 m	1050 m ²	Istanbul	TURKIYE
2021	25 December Panorama Museum	 	None	6 m	650 m ²	Gaziantep	TURKIYE
2019	Gaziantep Municipality Bridge	 	None	3 m	600 m ²	Gaziantep	TURKIYE
2023	Istanbul Municipality - Ulus Facility	 	None	3 m	300 m ²	Istanbul	TURKIYE
2023	Riva Mansions	 	None	3 m	200 m ²	Istanbul	TURKIYE
2023	Park Azur Residence	 	None	2 m	800 m ²	Istanbul	TURKIYE
2019	Kılınç Fun Fair	 	None	4 m	240 m ²	Gaziantep	TURKIYE
2022	MESA Private Village		None	4 m	100 m ²	Mugla	TURKIYE
2022	Presidency Villages	 	None	X	X	X	TURKIYE
2020	Burgaz Mansions	 	None	4 m	160 m ²	Istanbul	TURKIYE

Noise Barrier Color Options



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