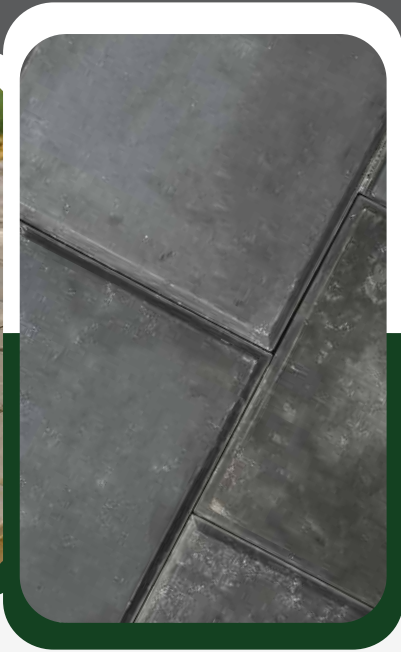


TGA BUILD

# LET'S BUILD TOGETHER



# About TGA



The Green Ark (TGA) is a visionary sustainability enterprise dedicated to **Reshaping the way society interacts with waste. With a focus on recycling excellence,**

TGA produces high-quality resin, durable pavers, and innovative tiles from reclaimed materials, fostering a circular economy and reducing environmental impact. Committed to promoting a sustainable lifestyle, TGA also curates stylish lifestyle products made from upcycled materials, demonstrating that sustainability and sophistication can go hand in hand. Through impactful advocacy campaigns and educational initiatives, TGA elevates awareness about waste management, inspiring individuals and communities to embrace environmental responsibility. At TGA, our mission is to pioneer a future where sustainability isn't just a choice, but a way of life, enriching lives and fostering a thriving planet for generations to come.

## TGA Vision



The Green Ark envisions a future where sustainability is integral to daily life. By championing recycling excellence, we strive to produce high-quality resin from mono polymers, durable pavers, and innovative tiles from multi-layered plastic, fostering a circular economy. Our commitment extends to curating stylish lifestyle products, including recycled bags and home accessories, made from woven fabric crafted out of plastic films and wrappers. Through impactful advocacy campaigns, sensitization sessions, and educational initiatives, we aim to elevate awareness about waste management, promoting a holistic approach to environmental responsibility.

## TGA Build

TGA has launched TGA Build with a profound understanding of the urgent need for sustainable building solutions in today's world. Recognizing the detrimental environmental impact of traditional building materials, TGA aims to revolutionize the industry by offering innovative alternatives that prioritize eco-friendliness without compromising on quality or durability. With TGA Build, we aspire to address pressing environmental challenges such as plastic pollution by repurposing non-recyclable plastics into durable and innovative building materials. By providing sustainable alternatives to conventional building practices, TGA Build not only helps reduce carbon footprints but also promotes the adoption of eco-friendly building practices. Through this initiative, TGA is committed to leading the way towards a greener and more sustainable future for the construction industry and beyond.

# ECO Pav

Eco Pav, our innovative paver crafted entirely from multilayered end-of-life plastic, is not just a groundbreaking solution—it's an environmental commitment. By repurposing plastic that would otherwise end up in landfills or be incinerated, Eco Pav not only transforms outdoor spaces but also offsets 2.5 kgs of plastic per square foot. Engineered for durability and aesthetic appeal, Eco Pav is more than a paver; it's a sustainable statement for eco-conscious landscaping and outdoor design.



## APPLICATIONS

### Eco Pav Reg 026

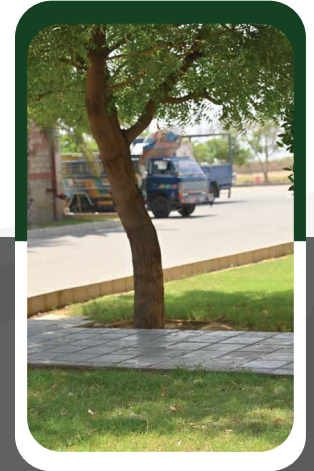
Property	Value	Unit	Standard
Compressive Strength	>4300	PSI	ASTM C
Flexural Strength	-	PSI	EN 1339:2023
Breaking Load	-	N	EN 1339:2023
Length	200	mm	
Width	100	mm	
Height	60	mm	
Weight	2.0	kg/Pc	
Shape	Rectangular		
No. of Pcs.	4.5	Pcs/Sq.ft	
Waste Content	2.2	kg /sq.ft.	



Driveways



Walkways and Pathways



Public Spaces and Park



# APPLICATIONS



Landscape Garden



Patios and Porches



Courtyards



Public Spaces & Parks



Rooftop Garden



Outdoor Seating Area

# ECO Til

Introducing Eco Til, our revolutionary tile that redefines flooring with a touch of eco-elegance. Crafted entirely from multilayered end-of-life plastic, Eco Til is a cement-free marvel designed to elevate outdoor spaces sustainably. As each square foot of Eco Til embodies our commitment to environmental responsibility, the precise offset value per unit, which is 1.25 kgs of plastic, ensures a positive impact. Experience a blend of aesthetics and ethics with Eco Til, the ideal choice for green outdoor flooring.

## Eco Til Sq 124

Property	Value	Unit	Standard
Flexural Strength	>1200	PSI	EN 1339:2023
Compressive Strength	-	PSI	ASTM C
Breaking Load	>6000	N	EN 1339:2023
Length	304.8/12	mm/in	
Width	304.8/12	mm/in	
Height	25.4/1	mm/in	
Weight	4.5	kg/pc	
Shape	Square	-	
Waste Content	1.2	kg/sq.ft.	
No. of Pcs.	1	Pc/sq.ft.	

## Eco Til Sq 023

Property	Value	Unit	Standard
Flexural Strength	>700	PSI	EN 1339:2023
Compressive Strength	-	PSI	ASTM C
Breaking Load	>3000	N	EN 1339:2023
Length	304.8/12	mm/in	
Width	304.8/12	mm/in	
Height	25.4/1	mm/in	
Weight	4.5	kg/pc	
Shape	Square	-	
Waste Content	1.2	kg/sq.ft.	
No. of Pcs.	1	Pc/sq.ft.	



## GET IN TOUCH!

### Location

Plot Number 44-C,  
PECHS Block 6, Main Razi Road,  
Karachi, Pakistan

### Phone Number

+92-301-8219554

### Web

[www.thegreenark.org](http://www.thegreenark.org)

### Social Media

[instagram.com/tga\\_build](https://www.instagram.com/tga_build)  
[instagram.com/the.greenark/](https://www.instagram.com/the.greenark/)