

## Who Are We?

TileGreen is the first company in the Middle East specialized in making highly performing building materials, including-but not limited to- Interlocking tiles, paving tiles, roofing tiles, and building bricks.

By producing these building materials, we save the environment from hundreds of tons of plastic waste and carbon emissions.

TileGreen believes that everyone deserves to live in a healthy environment among eco-friendly, sustainable, and durable building materials.

## What We Do?

Through our state-of-the-art manufacturing process, we are able to make highly performing and eco-friendly interlocking tiles from recycled plastics.

## Environmental Impact

For every 1,000 M2 of paving tiles we make, we save the environment

**2,000,000 Plastic bags**  
**3,000,000 M3 of Carbon Dioxide**



**Environmentally Friendly**



**Highly performing**



**Unique**

100% Clean Manufacturing Process  
100% Eco-Friendly Product

The Egyptian National Research Center Certified Housing and Building National Research Center

According to the European Code BSEN 003-1338 & the American code ASTM C20 - 902

## Comparison

The Item	Normal Interlocking Tiles	TileGreen Interlocking Tiles
Compressive Strength		
Water Resistance		
Abrasion Resistance		
Lifetime		
Colors	Normal Light Colors	All Colors
Recyclable		
Environmental Impact	<b>Negative</b>	<b>Positive</b>

## Data Sheet

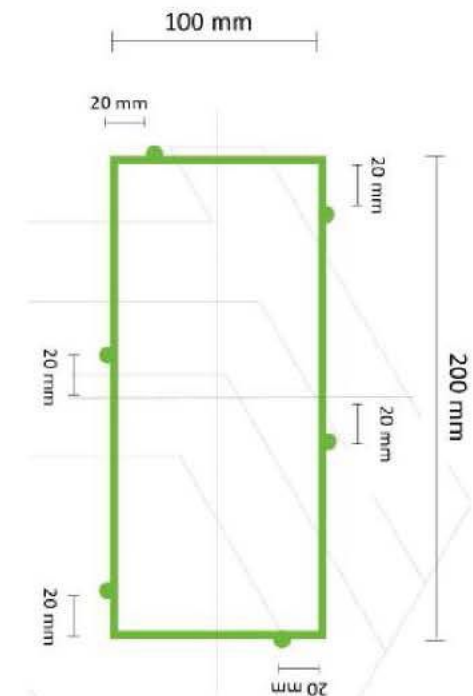
### Composition

The product is composed of

- Recycled Plastics
- Coloring Pigments
- Adhesives
- Construction Materials Additives

### Shape & Dimensions

- Available Shapes: Rectangular
- Available Height: 4 and 6 cm
- Side length: 10 \* 20 cm



# GT

## Colors



## Interlocking Tiles Specifications

Property	4 cm Tiles		6 cm Tiles		Tolerance
<b>Material Properties</b>					
Weight	85	Kg/m <sup>2</sup>	127	Kg/m <sup>2</sup>	
Density	2.11	g/cm <sup>3</sup>	2.11	g/cm <sup>3</sup>	
Number of Blocks / M2	50	Block / m <sup>2</sup>	50	Block / m <sup>2</sup>	
<b>Mechanical Properties</b>					
Compressive Strength	400	Kg/cm <sup>2</sup>	500	Kg/cm <sup>2</sup>	±30 Kg/cm <sup>2</sup>
Water Absorption	0.21	%	0.21	%	±0.05 %
Abrasion Resistance	0.5	mm	0.5	mm	±0.1 mm
<b>Other Properties</b>					
Chemicals Resistance	Acid and salt resistant				
Flammability Resistance	Flammable Resistant				
Skidding Resistance	Anti-Skidding				
Recyclability	100% Recyclable				

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# TECHNICAL BROCHURE