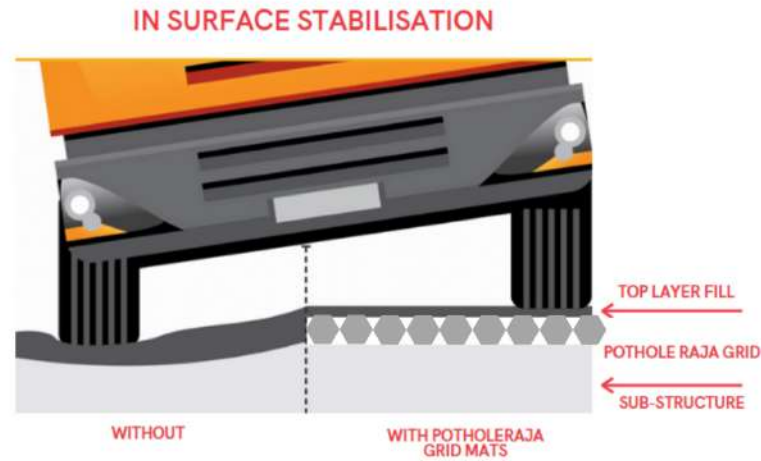
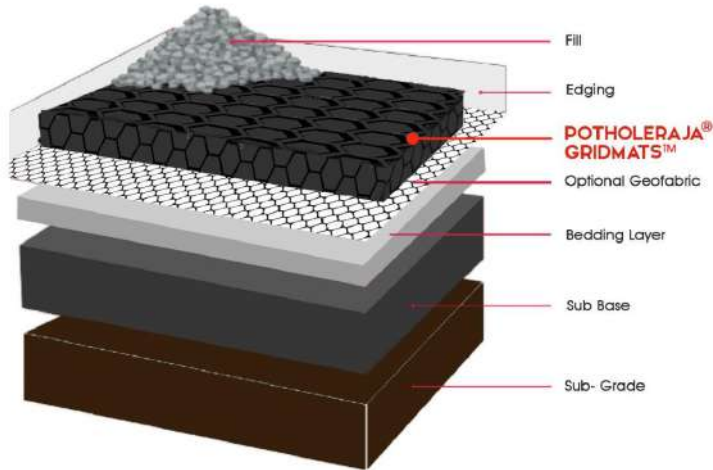
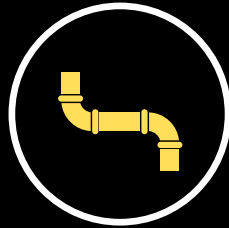


What is it?

Mats made of recycled polypropylene that are placed above the bedding layer of the ground and filled with different fillings in order to create a temporary or permanent, flat, high quality road in less than half the time it takes to lay a road the good old fashioned way!



Value Proposition



Reduce maintenance frequency by 70%

Effective drainage
No puddles or slush

Recycled plastic waste

Long lasting roads

Comparison

SURFACE CONSIDERATION	CONCRETE	PAVER BLOCKS	ASPHALT	GRIDMATS
Durability	15-20 Years	10-15 Years	5-10 Years	20+ Years
Materials Required	Cement & Steel Mesh	Pre-cast Cement Slabs	Tar & Aggregate Mix	Recycled Polypropylene
Maintenance	Low - some cracking	high - frequent cracking	High - every 2-3 years (top layer)	Very low - Refilling
Permeability	N/A	15-30%	N/A	> 90%
Look and Cost	Black, uniform, High Cost	Options available at a higher cost	Uniform, Higher Cost	Variety of fillings, Low cost
Eco Friendliness	High Impact	High Impact	High Impact	Low Impact
Cost (Sq.Mt.)	4000-5000	2000-2500	2500-3000	2000-2500

Price

Based on the filling

₹2,000/ Sq. Meter

₹2,200/ Sq. Meter

₹2,500/ Sq. Meter

- Landscaping (Grass, Mud, Road base)
- Stone gravels - 6mm/13 mm downsize

- Concrete - 40mm - M30 Grade

- Cold Asphalt - 40mm

Cost Includes: Raw materials, Labour, Transport, Technology, Laying, Tracking, Reporting & Overheads.

4 Easy Installation Steps



STEP 1

Flatten the bedding layer



STEP 2

Place Potholeraja Gridmats



STEP 3

Put in Filling of choice



STEP 4

Compress and pack the filling

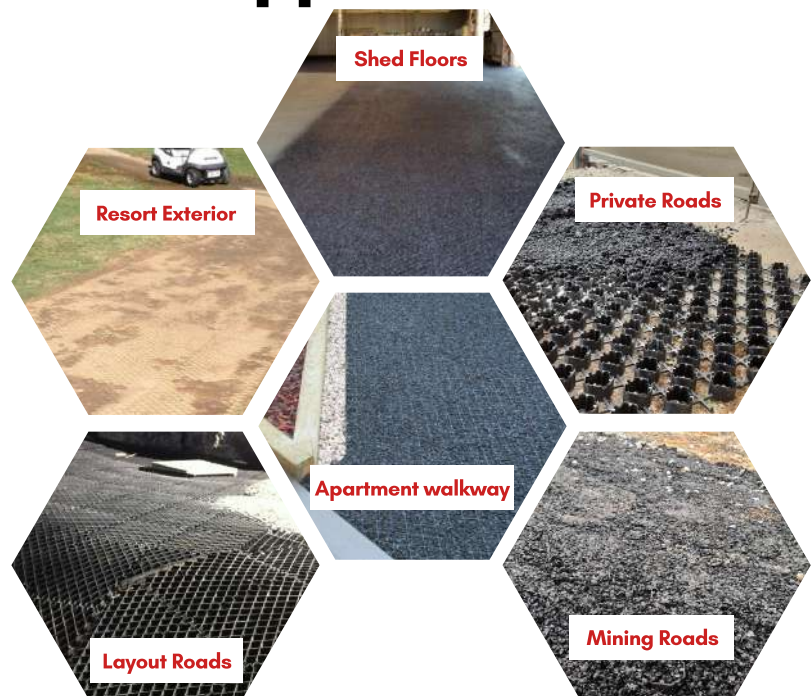
Private Road Clientele

Mahindra Lifespaces

happinest



Applications



Specification	Material	100% Recycled PP	Surface Void Area	~70%
	Dimension	500mm x 500mm	Compressive strength (raw)	150 tonnes/Sq. Mt.
	Height	40mm	Compressive strength (with filling)	500-600 tonnes/Sq. Mt.
	Weight	4 kg /Sq. Mt. ± 10%	1 Km by 5mt wide Road	20 tons of plastic waste usage



Click here to see the product demo

