



PAVIOUR SYSTEM

Bera Gravel Fix® Pro is an advanced recyclable surface stabilisation system for gravel, shells, mulch and sand. With its hexagonal honeycomb-like structure of high quality Polypropylene cells, Bera Gravel Fix® Pro is designed to provide a strong and stable structure for the application of gravel on paths, driveways, car parks and roofs. Simple to install Bera Gravel Fix® Pro will provide a strong and porous surface for residential and urban projects.

APPLICATIONS:

- Landscaping of urban areas
- Residential gardens and terraces
- Gravel parking and driveways
- Service access routes
- Sustainable Urban Drainage (SUDS)

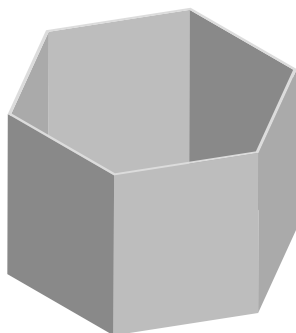


WATER & DRAINAGE:

Ground water is rainwater that has seeped into the substrate. It is important for the production of drinking water and prevents agricultural and wildlife areas from drying out. The water crisis is the #1 risk based on impact to society (as a measure of devastation), and the #8 global risk based on likelihood (likelihood of occurring within 10 years) as announced by the World Economic Forum, January 2015. -source:water.org.

The use of porous and permeable surfaces is strongly encouraged as a key component of Sustainable Urban Drainage Systems (SUDS). The rainwater infiltration results in significant reduction of run-off volumes and/or lengthens drainage paths to surface water conduits like streams and rivers when compared to hard landscaping. This has the obvious benefit of reducing flood risk during periods of high precipitation.

WHY CHOOSE GRAVEL FIX®?



- Stable and strong gravel paving for traffic and pedestrian use
- Immediate rainwater infiltration, 180 ltr/sec per m²
- SUDS compatible and 100% recyclable
- Low visibility providing attractive natural finish.

FEATURES & BENEFITS OF TCS GRAVEL FIX® PRO

- Easy to install & stable gravel surface in fast and economic way
- Two sizes, 'Pro' standard nominal 1176mm x 764mm (0.9M2) and 'Pro XXL' nominal 2292mm x 1176mm (2.7m2)
- For pedestrian and vehicle use, even occasional trucks
- Easy mobility for all including those wearing high-heels or with bicycles, motorbike or wheelchair
- Suitable for garden and terrace furniture (outdoor eating areas) and ladders – stable and no sinking in
- Fully porous, ensures immediate infiltration of rainwater so no puddles or ponding
- DuPont™ Typar® geotextile fitted for maximum porosity and weed growth reduction

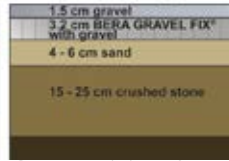
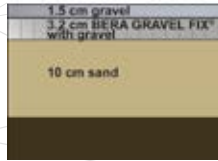
For your vehicle use and parking

For maximum mobility and stability on paths and walkways

For green roofing with sedum or stable base for roof terraces

Gravel Fix products are manufactured with green solar & biomass power

UV stabilisation included



1. FOUNDATION

Foundation profile to be determined by site conditions and suitable for anticipated load.

In general the foundation shall be:

For paths only: a flat layer of 10cm sharp sand.

For vehicle use: a compacted layer of 15-25cm MOT (crushed stone) plus 4-6cm sharp sand.



2. SHAPING

Create shape using border systems in aluminium, Corten or galvanised steel, wood or Plastic. Height (5-15cm) and thickness depending on expected load. Use laser height determination for alignment with surrounding area.



3. COMPACTING

A stable, well compacted base, as used in all other paving methods, is essential. Failure may lead to non-performance of BERA Gravel Fix[®] Pro as intended.



4. LEVELING

After compacting, level the sand layer eliminating any surplus sand. Remove any debris or sharp items from the sand layer.



5. LAYING

Each sheet has extended geo-textile lips on 2 sides. Lay the sheets onto the extended geo-textile lip of the adjacent sheet for maximum stability, weed control and support.



6. TRIMMING

Cut to fit to edging or obstacles using hand or electric tools to ensure sheets are firmly fixed within the edges. Important: Please follow tool manufacturers safety instructions



7. FILLING

Fill the sheets with gravel, between 3-16mm, which should exceed the height of the cell wall by 15-20mm. (refer to our Technical Document for further details).



8. FINISHING

Rake the gravel to distribute evenly. Maintenance is limited to raking and removing leaves and other debris. Important: Keep the sheets covered with gravel for maximum durability. Top-up gravel as and when required to keep the sheets covered.



BERA® Parking Marker Pro

Parkings and driveways using BERA Gravel Fix® Pro gravel stabilisation can be organised by the use of BERA professional markers. They are made of polypropylene and available with or without reflection. Easy to install without any special tools.

BERA® Parking Markers are fully recyclable and manufactured under the same sustainable conditions as for BERA Gravel Fix®. Using Green power and employing disabled staff ensures our strive to care about people and environment



TECHNICAL SPECIFICATIONS

PRODUCT	: BERA® PARKING MARKER PRO
REFLECTION	: BLACK, WHITE OR RAL CODE
MATERIAL	: AVAILABLE
WEIGHT	: POLYPROPYLENE
DIMENSION	: 90 GRAMS
PRODUCT SAFETY	: Ø 10cm
PRODUCT STANDARD	: REACH
UV AND FROST	: ISO9001
PACKING	: PROTECTED
	: 70 PIECES/BOX

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