

BaseCore™ is a geocell confinement system made of lightweight, expandable and flexible High-Density Polyethylene (HDPE). The cells are ultrasonically bonded to form a strong inert honeycomb structure with perforated walls allowing water to drain effectively.

When filled with granular materials, the system creates a three-dimensional erosion barrier, with the perforated sides enhancing draining and preventing the buildup of hydrostatic pressure.



Uses

BaseCore has been used for:

- Driveways
- Parks
- Pathways
- Parking lots
- Parking Pads
- Slope protection
- Embankments
- Railway bases
- Earth walls
- Horse Arenas
- Roadways

Benefits

- Prevents erosion and mud.
- 1000 Year Lifespan.
- Withstands heavy vehicle, animal or pedestrian usage.
- Accommodates weight of heavy commercial & military equipment.
- Easy Installation.
- Reduces amount of fill material.
- No more potholes.
- Chemical resistant.
- Easily dismantled and re-used.

Technical Specifications

	BaseCore™	BaseCore HD™
Material	HDPE	HDPE
Cell Dimension	12.5"x11.3"	8"x7.4"
Cell Height	3 to 8"	3 to 8"
Material Thickness	2.6mm	2.6mm
Tensile Strength	> 25 kN/m	> 25 kN/m
Seam Weld Strength	2175N	2175N

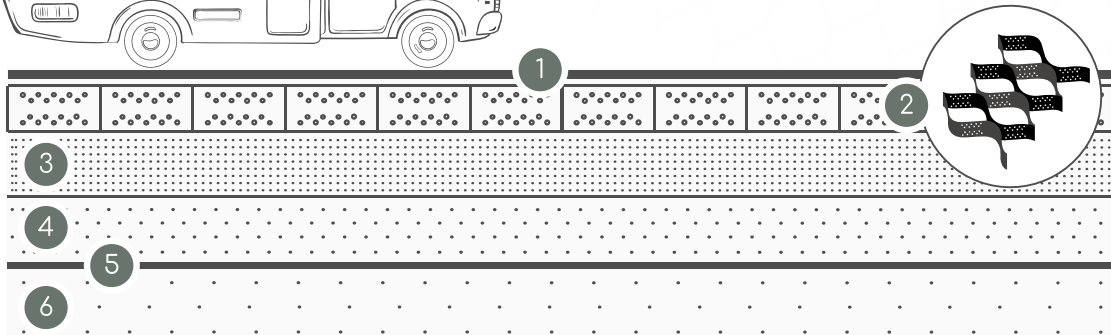
7845 E. Gelding Dr. Suite 104 | Scottsdale AZ 85260

Phone: 888-511-1553 | web: www.basecore.co

This information is provided for reference only and is not intended as a warranty or guarantee. Impulsion Solutions assumes no liability in connection with the use of this information (1/2022).



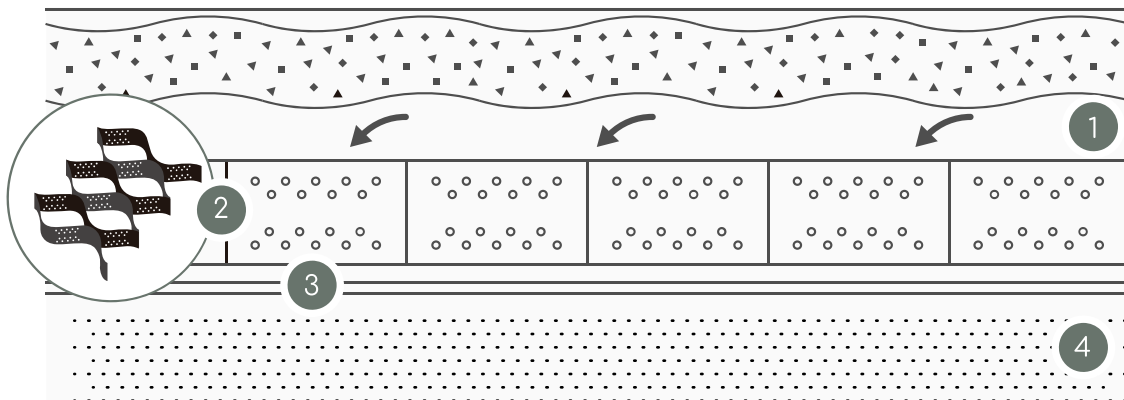
How it Works



- | | | |
|--------------------------------------|-------------------------|--------------------------|
| 1. Wearing course. | 3. Compacted sub base. | 5. Non-woven Geotextile. |
| 2. GD geocell with compacted infill. | 4. Aggregate substrate. | 6. Existing substrate. |



Instructions



- | | |
|---|-----------------------|
| 1. Fill to 1-2" Above BaseCore Fine Crushed angular gravel. | 3. Geotextile Fabric. |
| 2. BaseCore. | 4. Sub-base.. |

7845 E. Gelding Dr. Suite 104 | Scottsdale AZ 85260
 Phone: 888-511-1553 | web: www.basecore.co

This information is provided for reference only and is not intended as a warranty or guarantee. Impulsion Solutions assumes no liability in connection with the use of this information (1/2022).