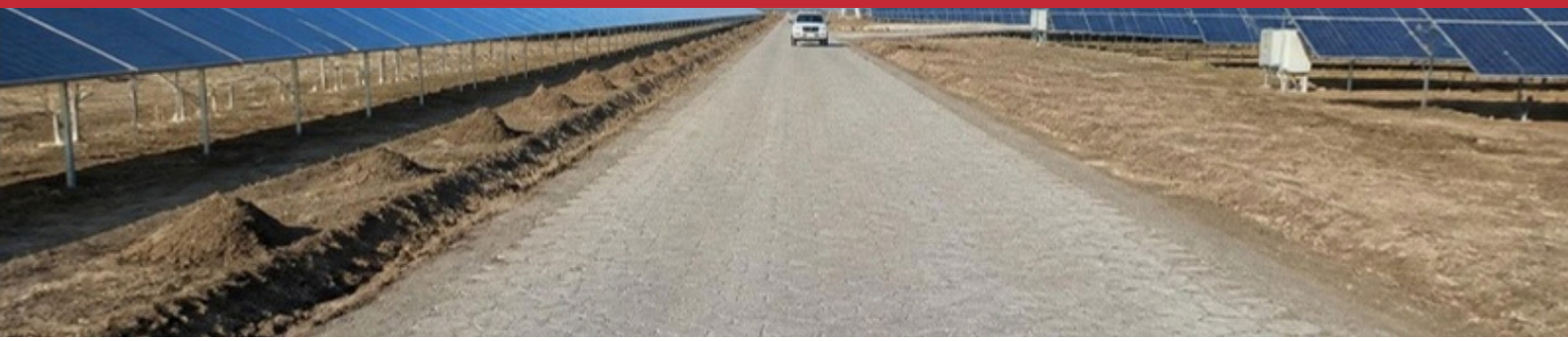
SOLAR AND WIND PARKS · S1 · S2 · TC MATS

8–12 km of road per 100 MW, built without curing on the critical path



Illustrative render: cement-treated gravel internal road between array rows

2.0×
base modulus, CBR 5%

300–400 m²
grid laid per crew-day

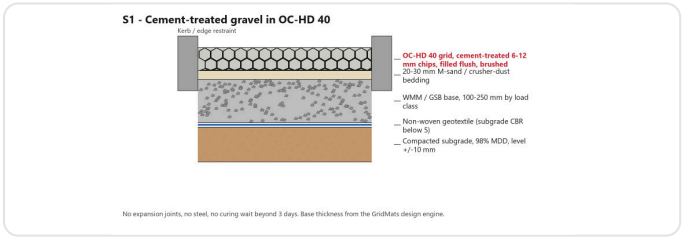
7 days
to truck traffic (S1)

Per km
park-wide rate contract

Product cost: OC-HD 40 ₹84–107 per sq ft (₹900–1,150 per m²) · OC-LW 40 ₹51–64 per sq ft (₹550–690 per m²) · top-covered mats ₹181–204 per sq ft (₹1,950–2,200 per m²), by order size, ex-GST and ex-freight; park-wide 12-month contracts at the lowest tier.
Installed range: ₹130–177 per sq ft (₹1,400–1,900 per m²) for S1/S2 roads, indicative; priced per km from the park layout, soil and truck count.

WHAT WE SUPPLY

- **S1 cement-treated gravel** for main internal roads, inverter and transformer yards: vehicles up to 49 t gross, no saw-cut joints; trucks at 7 days once the cubes reach 2 MPa.
- **S2 permeable stone chip** for O&M tracks, laydown and substation yards: open the same day, rain goes through.
- **Top-covered mats** for crane pads and temporary access that move with the crew.
- **One method statement for every contractor:** U-nails one per 2–3 m² on roads and slopes, one per 10 m² on flat yards, extra on embankments and edges.



WHY DEVELOPERS AND EPCS USE IT

- **Speed.** A crew of four lays 300–400 m² of grid a day; the road is in use the same week.
- **Weak ground.** Confinement doubles the effective base stiffness on CBR 5 subgrades (IIT Hyderabad), so the granular layer is thinner and the borrow-pit smaller.
- **Priced per km.** One rate for the park, one method statement for every contractor, hold-point QC by GridMats engineers.
- **ESG line item.** Per 1,000 m²: 6.6 t of plastic waste reused, and rain returned to the ground on the permeable areas, reported per site for the developer's disclosures.

Reliance Industries · Rann of Kutch · 2025
Stone-chip access road on saline flat ground. Cement-treated gravel yard at RINAC, Mumbai (OC-LW 40), 2025.

WHAT WE NEED FROM YOU Area (length × width or m²) and location · Heaviest vehicle and vehicles a day · Soil CBR, or the soil type · The finish you want · A site photo or layout drawing

Get your free estimate: an indicative price in a minute, then our engineers' design and BoQ.

gridmats.com/project-enquiry · sales@gridmats.com · +91 63626 46287 (call or WhatsApp) · WhatsApp +91 81476 84653

GridMats Engineered Surface Systems · GroundReality Enterprises Pvt. Ltd., Bengaluru · Indian Patent 398992 · GreenPro certified · 100% recycled polypropylene