

Truck yards that don't crack: three-day cure, local repairs, no shutdown



RINAC, Mumbai: S1 cement-treated gravel truck yard on OC-LW 40, 2025

170 t/m²

lab test, empty OC-HD 40 panel

7 days

to truck traffic, S1

0

saw-cut joints in the S1 surface

Cell by cell

S1 repairs, no shutdown

Product cost: OC-HD 40 ₹84–107 per sq ft (₹900–1,150 per m²) by order size, ex-GST and ex-freight; ₹900 on a 12-month rate contract. **Installed range:** S1 cement-treated gravel ₹130–177 per sq ft (₹1,400–1,900 per m²); S4 honeycomb concrete ₹214–265 per sq ft (₹2,300–2,850 per m²) materials against ₹269–297 per sq ft (₹2,900–3,200 per m²) for an IRC:58 road. Indicative: local materials, labour, transport and site change it.

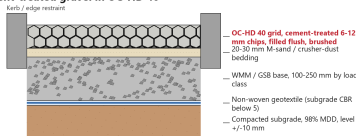
WHAT WE SUPPLY

- **S1 cement-treated gravel** for yards, marshalling areas and plant roads: vehicles up to 49 t gross, designed on your axle survey or VDF; no saw-cut joints, no steel; trucks at 7 days once the cubes reach 2 MPa; repairs cell by cell; built bay by bay in shutdown windows.
- **S4 honeycomb-finish concrete, on request**, where your standard insists on concrete: the visible-hexagon road on 17 sites since 2019, built by contractor teams we train, filled flush to the cell tops, no overlay; never the grid under a slab.
- **One method statement, hold points signed:** U-nails one per 2–3 m² on roads and slopes, one per 10 m² on flat yards, extra on embankments and edges.

WHY PLANTS SWITCH

- **Concrete cracks at the joints; asphalt ruts under standing trucks.** An S1 yard has no saw-cut joints, and cell confinement reduces rutting.
- **Repairs cell by cell.** Lift, refill, compact; no slab replacement, no shutdown.
- **Dust-free grey finish** that reads as concrete and takes bay markings.
- **Lower cost on day one:** recorded GridMats surfaces run ₹125–230 per sq ft (₹1,350–2,474 per m²) against ₹269–297 per sq ft (₹2,900–3,200 per m²) for an IRC:58 concrete road.
- **ESG line item.** Per 1,000 m²: 6.6 t of plastic waste reused, and cement only in the 40 mm layer, at 4–6%; reported for your ESG file.

S1 - Cement-treated gravel in OC-HD 40



No expansion joints, no steel, no curing wait beyond 3 days. Base thickness from the GridMats design engine.

RINAC, Mumbai · truck yard on OC-LW 40 · 2025

Also Reliance, Rann of Kutch (S2) and Toyo Engineering, Bharuch; S4 honeycomb plant roads at PGP Glass, Aditya Birla, Tata Advanced and Godrej since 2019.

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.

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