

Car parks and access roads that open the same day and let the rain through



1 Grid laid and clipped on the compacted base



2 Clean angular chips filled into the cells



3 Plate-compacted, kerbed and open the same day

Same day

open to traffic

Drains below

rain managed below the surface

₹133–173/sq ft

recorded (₹1,434–1,866/m²)

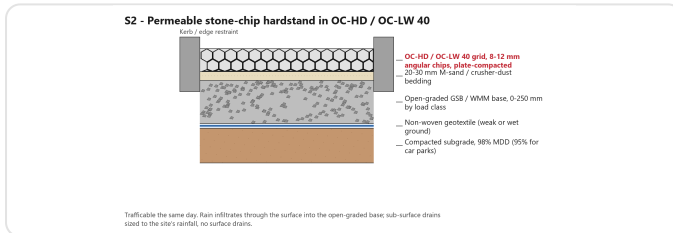
170 t/m²

lab test, empty OC-HD 40 panel

Product cost: OC-HD 40 ₹84–107 per sq ft (₹900–1,150 per m²) (trucks) · OC-LW 40 ₹51–64 per sq ft (₹550–690 per m²) (cars) · GP-30 ₹40–46 per sq ft (₹430–495 per m²) (paths, campus roads), by order size, ex-GST and ex-freight. **Installed range:** ₹130–177 per sq ft (₹1,400–1,900 per m²) recorded on completed sites, indicative; local materials, labour, transport and base design change it.

WHAT IT IS

OC-HD (trucks) or OC-LW (cars) 40 mm grid on a compacted, open-graded base, filled with clean angular 8–12 mm chips and plate-compacted. Natural grey, black basalt, white marble or red laterite chips. Kerb or edge restraint; U-nails 1 per 2–3 m² on roads and slopes, 1 per 10 m² on flat yards, extra at edges and embankments.



WHERE IT FITS

Car parks and overflow parking · service roads · laydown yards · solar and wind sites · driveways and event grounds.

WHY IT WINS

- **Open the same day.** Nothing to cure; the crew leaves, the traffic arrives.
- **Rain goes through it.** Rainfall passes into an open-graded base and sub-surface drains sized to your rainfall; edge and outfall drains where the levels need them.
- **Chips stay in place.** Cell confinement controls migration and reduces rutting, on a base designed to the IRC:37 rutting criterion; repairs are a top-up.
- **ESG line item.** Per 1,000 m²: 4.0–6.6 t of plastic reused, no cement, about 870 m³ of rain a year returned to the ground at Bengaluru rainfall.

Reliance Industries · Rann of Kutch · 2025

Access road on saline flat ground, opened the same day; also Toyo Engineering Bharuch, Garden City University (30 mm grid), Laukik Nasik, SJ Contracts Pune.

CHOOSE S2 WHEN

- Car parks, access and service roads
- Rain should go into the ground
- Opening to traffic the same day

NOT IDEAL WHEN

- Grades over 6%, where chips can migrate: S1
- Special plant over 49 t or tight turning: S1

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



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