

**Chatmohr Limestone** offers a sophisticated, contemporary aesthetic for architectural schemes and refined garden landscapes. Quarried from the geological Tandur basin in India, Chatmohr is the sleek steel grey / graphite counterpart to Portmore. Hand-selected for color consistency, each flag features a micro-textured tumbled and brushed surface with handcut, gently softened edges—delivering high slip performance and effortless underfoot comfort.

## ■ TAILORED FOR DESIGN PROFESSIONALS & SPECIALIST INSTALLERS

### Architects

Provides a uniform charcoal to steel-grey aesthetic with exceptional BS EN test credentials, ideal for urban plazas, residential developments, and indoor-outdoor thresholds.

### Garden Designers

A striking contemporary backdrop that pairs brilliantly with polished concrete, cedar screening, zinc cladding, and modern architectural planting schemes.

### Paving Contractors

Calibrated dimensions ensure efficient bed laying, while its dense physical structure yields exceptional freeze-thaw stability and clean pointing joint finishes.

## ■ SLIP RESISTANCE & SAFETY OVERVIEW (BS EN 16165:2021)

Tested independently in the UK by Sliptech (Report #26108) in accordance with BS EN 16165:2021 and UKSRG Issue 6 Guidelines using a calibrated pendulum tester. Chatmohr achieved outstanding safety scores in both wet and dry testing across all directions.

### DRY SHOD SAFETY

**PTV 70+**

Low Slip Potential

### WET SHOD (SLIDER 96)

**PTV 49 - 50**

Exceptional Wet Grip

### RAMP RATING EQUIVALENCE

**R11 / Class A+B**

DIN 51130 / DIN 51097

| TEST CONDITION | SLIDER / ENVIRONMENT           | MEAN PENDULUM (PTV) | HSE RISK CATEGORY        | EQUIVALENT DIN RATING |
|----------------|--------------------------------|---------------------|--------------------------|-----------------------|
| Dry Shod       | Slider 96 (Shod Foot)          | 70 - 71             | Low Slip Potential       | R11 / R12 Class       |
| Wet Shod       | Slider 96 (Water Contaminated) | 49 - 50             | Low Slip Potential (36+) | R11 Class             |
| Dry Barefoot   | Slider 55 (Barefoot)           | 73 - 75             | Low Slip Potential       | Class A Barefoot      |
| Wet Barefoot   | Slider 55 (Wet Areas)          | 40 - 42             | Low Slip Potential       | Class B / C Barefoot  |

*\*Data source: Sliptech Test Certificate 26108 (Jan 2026). All values exceed the UK Health & Safety Executive (HSE) threshold for low slip risk (PTV 36+), making Chatmohr one of the safest natural paving options available.*

## ■ GEOLOGICAL COMPOSITION & MATERIAL MAKEUP

Chatmohr Limestone is a ultra-dense sedimentary calcitic stone formed during the Proterozoic period within the Tandur basin of India. Naturally tinted by organic carbon minerals, it exhibits a uniform deep steel-grey to slate tone.

Its tight, low-porosity crystalline structure provides exceptional resistance to frost heave and surface scaling. The mechanical tumbling and brushing process removes sharp raised edges while creating a subtle tactile micro-grip surface that enhances slip safety without trapping grime or dirt.

|                   |                            |
|-------------------|----------------------------|
| Geological Type:  | Dense Calcitic Limestone   |
| Quarry Origin:    | Tandur, India              |
| Color Selection:  | Steel Grey / Graphite Tone |
| Surface Finish:   | Tumbled & Brushed          |
| Edge Profiling:   | Handcut & Soft Tumbled     |
| Water Absorption: | ≤ 0.75% (Ultra Low)        |
| Frost Resistance: | 100% Freeze-Thaw Approved  |

## ■ UK MARKET SUITABILITY: EXTERIOR PAVING & INTERIOR FLOORING

Engineered to withstand harsh British winters and rain-soaked summers, Chatmohr Limestone provides a robust, low-maintenance surface solution for both outdoor paving and interior luxury flooring.

### Outdoor Paving & Terraces

**Ideal for:** High-traffic commercial plazas, private garden terraces, outdoor kitchens, and driveway borders.

**Contractor Tip:** Lay on a continuous 6:1 sharp sand and cement mortar bed. Coat the back of each slab with an SBR slurry primer to ensure a permanent hydraulic bond.

### Indoor Flooring & Transitions

**Ideal for:** Hallways, kitchens, open-plan extensions, and level threshold indoor-outdoor transitions.

**Architect Tip:** Perfect for use with underfloor heating systems due to its high thermal mass. Pre-seal with a breathable impregnator (e.g. Stainproof or Fila MP90) prior to grouting.

**Maintenance Recommendation:** Thanks to Chatmohr's remarkably low absorption profile, routine sweeping and light pressure washing keep flags in pristine condition. Applying a high-quality impregnating sealer protects against oil splashes and organic weathering while maintaining its signature graphite tones.

### Ready to Specify or Order Chatmohr Samples?

Get in touch with our team for trade quotes, technical advice, or project sample boxes.

**Forest Stone**  
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