High-Slip-Resistance Stone for Metro & Airport

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Contents

1. Usage Intensity of Transport Hubs

2. Slip Metrics and Finish Selection

3. Variety and Build-Up Recommendations

4. Maintenance and Renewal

Usage Intensity of Transport Hubs

Metro stations and airports see tens of thousands of passengers daily. Stone faces all-weather wetness (rain and snow tracked in), impacts from luggage wheels and trolleys, frequent chemical cleaning, and an ultra-long service life. The baseline requirement is safety, then durability and appearance.

Slip Metrics and Finish Selection

- Corridor floors: R10–R11 or DCOF ≥0.42 (ANSI A326.3); entrance ramps R11–R13.
- Preferred finishes: flamed, sandblasted, bush-hammered; polished surfaces for walls only.
- Tactile paving and warning strips: luminance contrast ≥70.

Variety and Build-Up Recommendations

Granite-led (G603 / G654 types), thickness ≥30 mm with chamfered corners; curtain walls and ceilings in EN 1469 cladding slabs; anti-slip strip grooves at platform edges.

Maintenance and Renewal

Specify machinery-compatible cleaning (chemical-resistant); set a 10-year renovation plan with like-for-like quarry-face spare stock. HSST has supplied multiple transport-infrastructure projects and offers full life-cycle programmes.