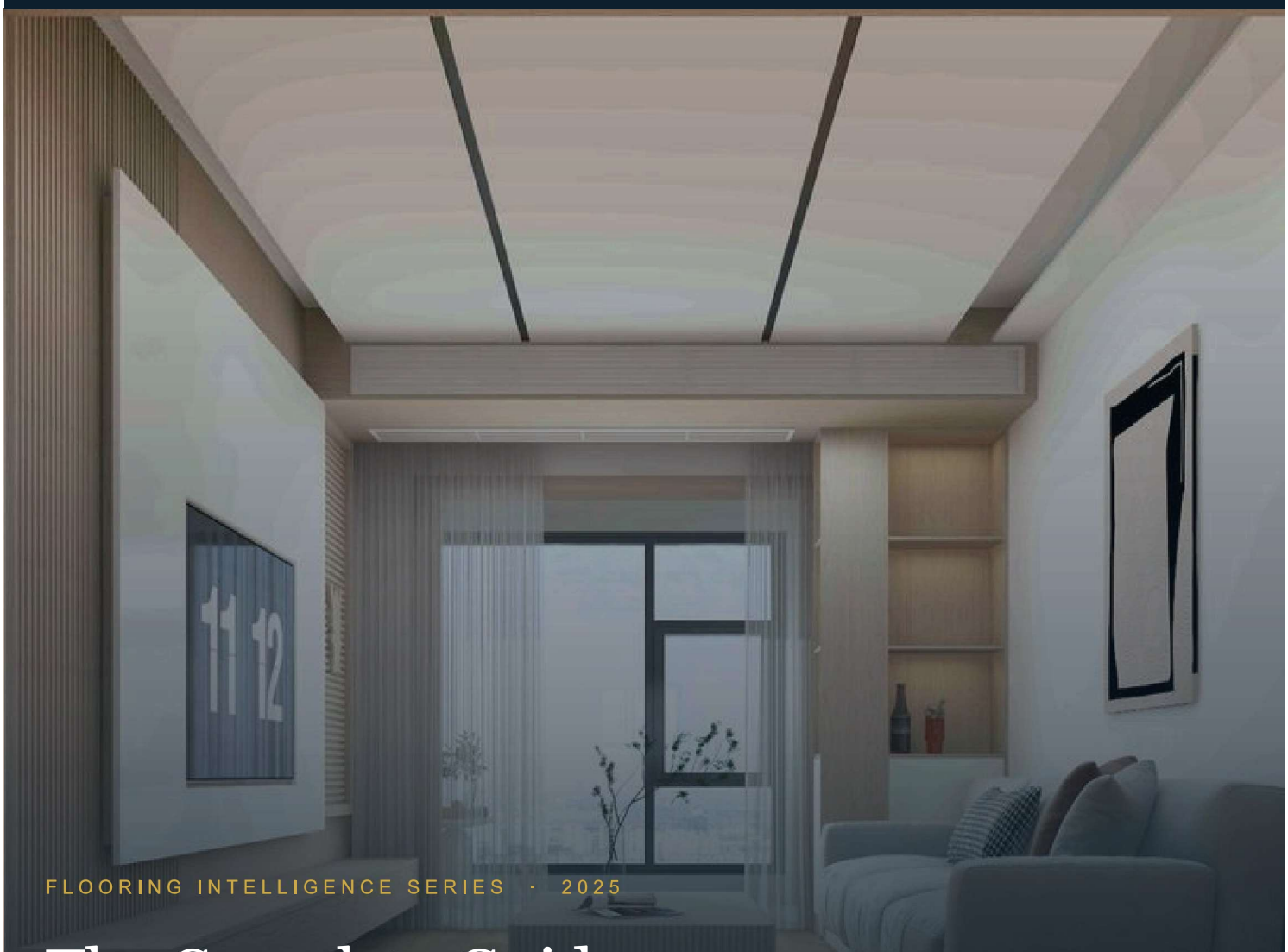
FT **FLOORTEK** INDIA PRIVATE LIMITED

LUXURY VINYL TILE — EXPERT GUIDE



FLOORING INTELLIGENCE SERIES · 2025

The Complete Guide to *Luxury Vinyl Tile* 5 mm / 0.5 mm Wear Layer

Everything you need to know — from which spaces demand LVT to the colour palettes that define modern Indian interiors.

5 mm Total Thickness

0.5 mm Wear Layer

AC4 Commercial Grade

100% Waterproof Core

WHAT MAKES THIS SPECIFICATION SPECIAL

Precision-engineered for *India's demanding environments*

The 5 mm / 0.5 mm wear layer specification sits at the golden intersection of residential durability and commercial performance — Floortek's most versatile and recommended product.

Luxury Vinyl Tile at 5 mm total thickness provides exceptional underfoot comfort and significant sound absorption compared to thinner vinyl or laminate products. The construction comprises multiple bonded layers: a UV-cured wear layer, a decorative film layer, a rigid or semi-rigid core, and an underlayer — all fused under precise heat and pressure.

The **0.5 mm wear layer** (equivalent to 20 mil) is classified as heavy commercial duty per EN ISO 10582 standards. This thickness resists scratches from pet claws, furniture drag marks, stiletto heels, and India's ubiquitous sand and grit tracked in from outdoors. The wear layer contains aluminium oxide micro-particles that further harden the surface — genuinely tough enough for a decade or more of daily use.

> *"When customers ask for something that handles family life without looking like it does — this is the answer."*

Unlike natural hardwood or stone, LVT is inherently waterproof throughout its core. In a country where monsoon humidity, bathroom splash-back, and kitchen spills are part of daily life, this is not a luxury — it is a necessity.

USAGE PATTERNS

How Indians Actually *Live on This Floor*

Six dominant usage patterns we observe across thousands of Floortek installations — from compact Mumbai apartments to large commercial projects across India.

01 High-Footfall Daily Living

In Indian joint families and urban apartments, the living-dining corridor sees 40–80 crossings per hour at peak times. The

02 Wet Zone Transition

Unlike natural wood, LVT can extend from dry living areas into semi-wet utility rooms, bathroom antechambers, and covered

0.5 mm wear layer handles this without showing wear paths for 10+ years under normal maintenance.

balconies — creating seamless visual continuity without moisture risk.

03

Commercial Customer Flow

Retail showrooms, cafés, hotel lobbies, and co-working spaces benefit from the 0.5 mm specification's EN 685 Class 33/34 commercial rating — designed for heavy and very heavy commercial traffic.

04

Furniture-Heavy Spaces

Home offices, study rooms, and bedrooms with rolling chairs require a wear layer that resists castor marks. The aluminium oxide hardening in our 0.5 mm layer dramatically outperforms thinner 0.3 mm products here.

05

Pet-Friendly Households

India's growing pet ownership means floors must handle claws, litter, and the occasional accident. LVT's waterproof core means liquids don't soak in — simply mop and the floor is clean.

06

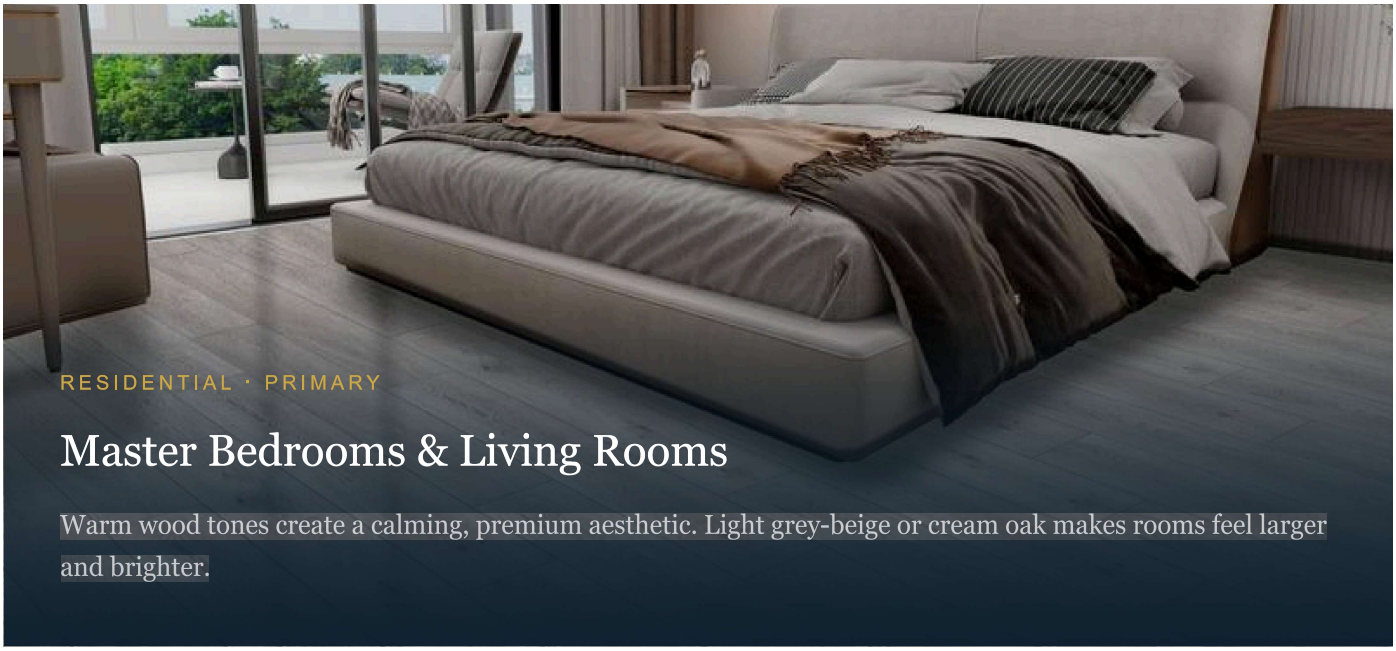
Renovation Over Existing Floors

The 5 mm thickness is ideal for floating installation directly over existing ceramic tiles or concrete — the most common Indian renovation scenario. No demolition. No dust. Installation in 1–2 days.

RECOMMENDED USAGE AREAS

Where Floortek LVT *Performs Best*

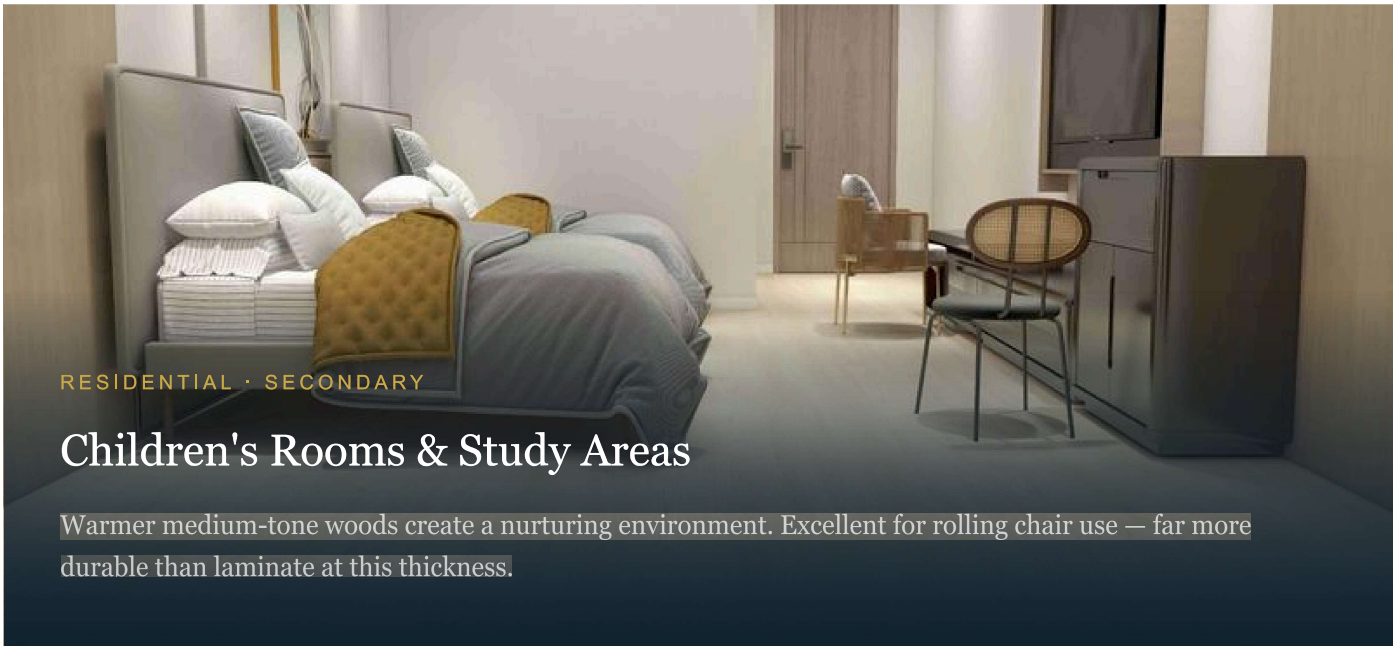
Our 5 mm / 0.5 mm LVT is designed for virtually every interior surface. Here are the key application zones with installation guidance for Indian conditions.



RESIDENTIAL · PRIMARY

Master Bedrooms & Living Rooms

Warm wood tones create a calming, premium aesthetic. Light grey-beige or cream oak makes rooms feel larger and brighter.



RESIDENTIAL · SECONDARY

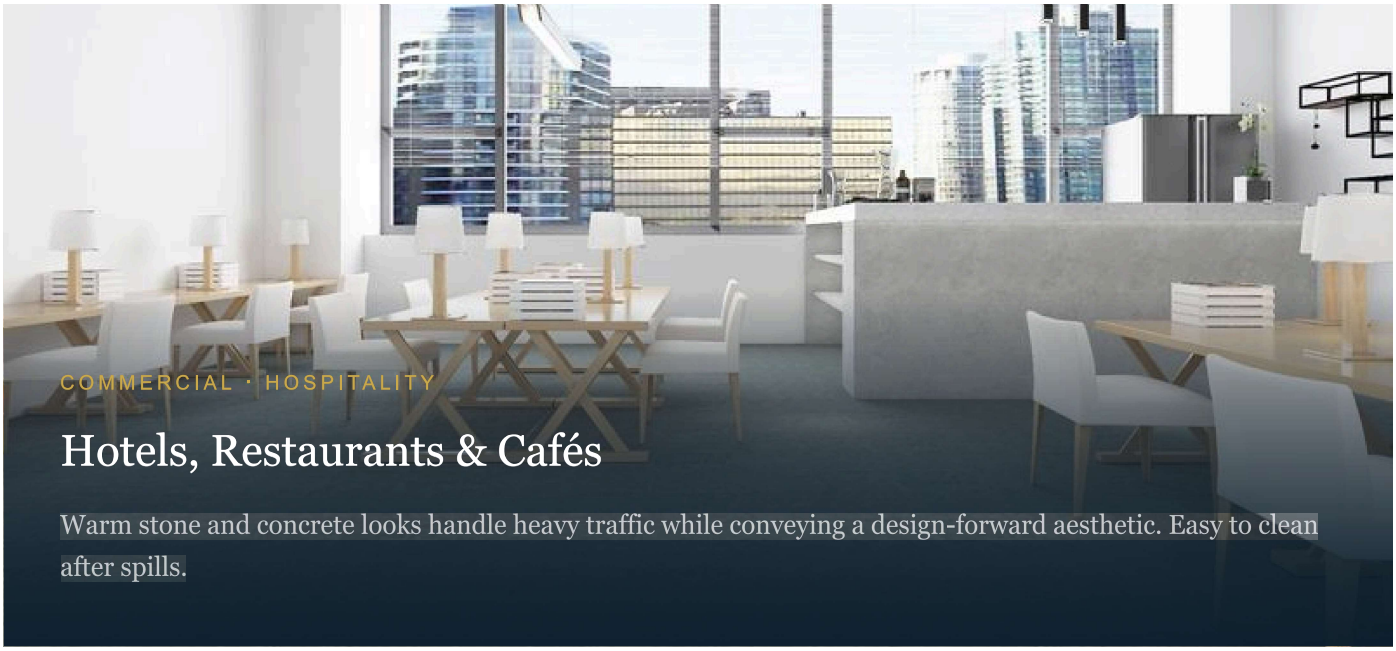
Children's Rooms & Study Areas

Warmer medium-tone woods create a nurturing environment. Excellent for rolling chair use — far more durable than laminate at this thickness.

COMMERCIAL · OFFICE

Corporate Offices & Co-working Spaces

Light, clean wood aesthetics boost focus and productivity. Stone-look LVT in reception areas projects authority and sophistication.



COMMERCIAL · HOSPITALITY

Hotels, Restaurants & Cafés

Warm stone and concrete looks handle heavy traffic while conveying a design-forward aesthetic. Easy to clean after spills.

HEALTHCARE & EDUCATION

Institutions that *need a reliable floor*

Clinics, diagnostic centres, schools, and coaching institutes benefit enormously from LVT's hygienic surface. The non-porous wear layer doesn't harbour bacteria or allergens — a critical advantage over carpets, and superior to many laminates whose seams trap moisture and mould in humid Indian climates.

The 5 mm thickness provides meaningful acoustic dampening in multi-room educational settings, reducing echo without the maintenance burden of carpet. Our light stone-look options are particularly popular in healthcare for their clinical yet welcoming appearance.

LVT is also resistant to common cleaning chemicals, including hospital-grade disinfectants — a requirement that natural flooring materials simply cannot meet.

THE FLOORTEK COLOUR PHILOSOPHY

Choosing the Right Colour — *and Why It Matters*

Colour selection is the single most impactful decision in any flooring project. The wrong tone can make a generous room feel cramped, or drain warmth from a space that should feel inviting.

Indian interiors tend toward warm palettes — earthy whites, cream walls, warm beige paint, and teak or mango wood furniture. Your floor must work with these elements. The dominant colour of the floor will reflect differently under Indian sunlight (intense and warm-toned) than under European lighting conditions, which is why many standard manufacturer swatches need to be viewed under actual Indian daylight before specifying.

As a general principle: **lighter floors expand space**, **medium warm tones ground a room**, and **dark floors add drama** but require careful lighting. Stone-look LVT adds a modern, urban edge that pairs beautifully with contemporary Indian interior design.

QUICK SELECTION GUIDE

Light & White Oak
Small apartments, north-facing rooms, luxury hospitality

Medium & Honey Oak
Family homes, offices, retail — India's most popular choice

Grey Oak
Contemporary homes, co-working spaces, cafés

Stone & Concrete
Premium commercial, clinics, hotel lobbies

FLOORTEK COLLECTION — COLOUR SWATCHES

FT0001

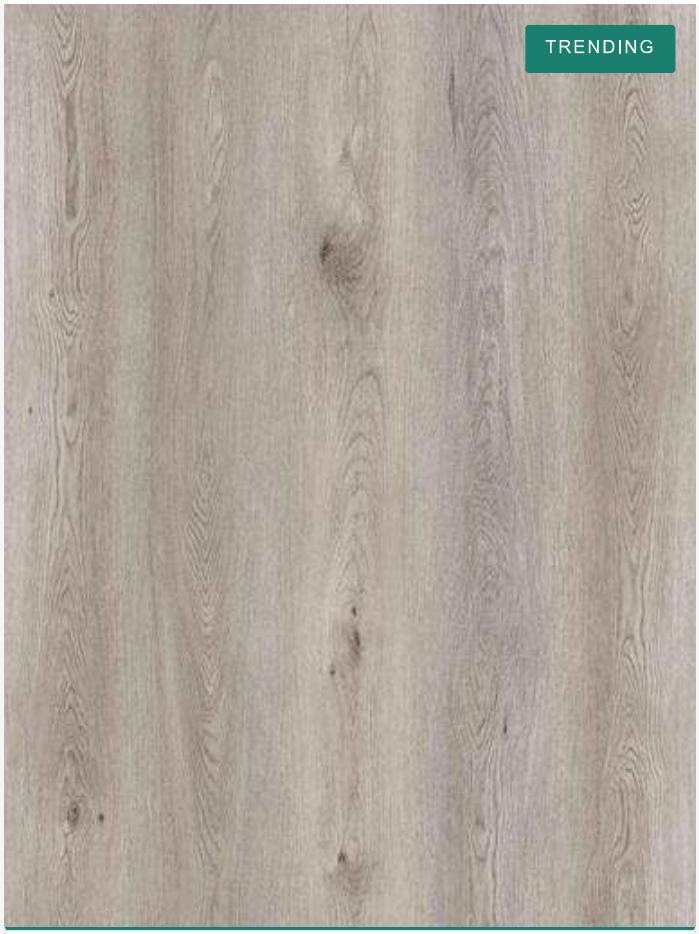
Arctic White Oak

FT0002

Honey Field Oak

FT0003

Warm Walnut Oak

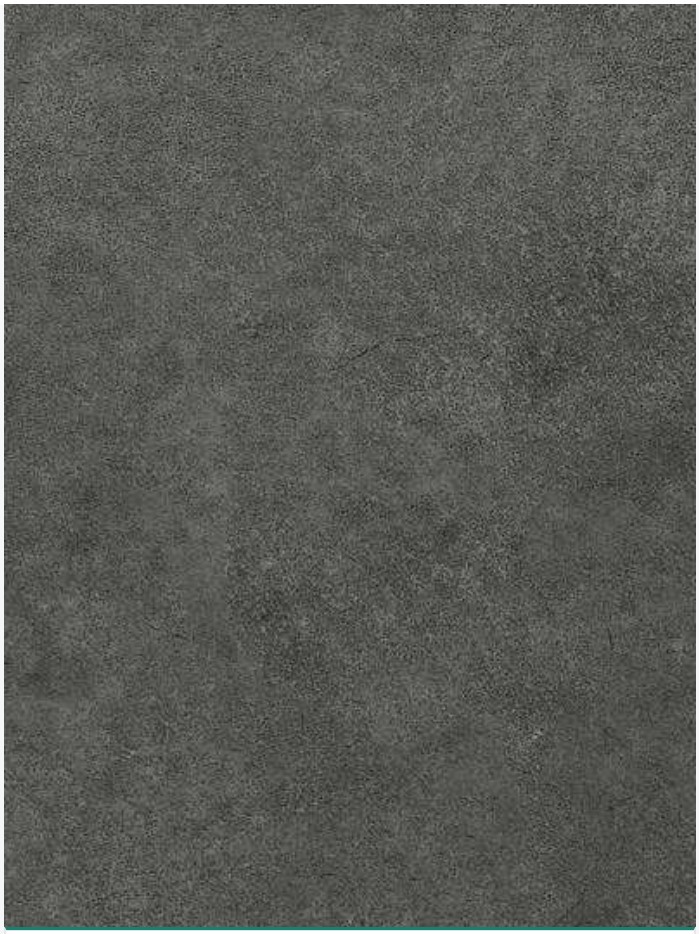


FT0004

Urban Grey Oak

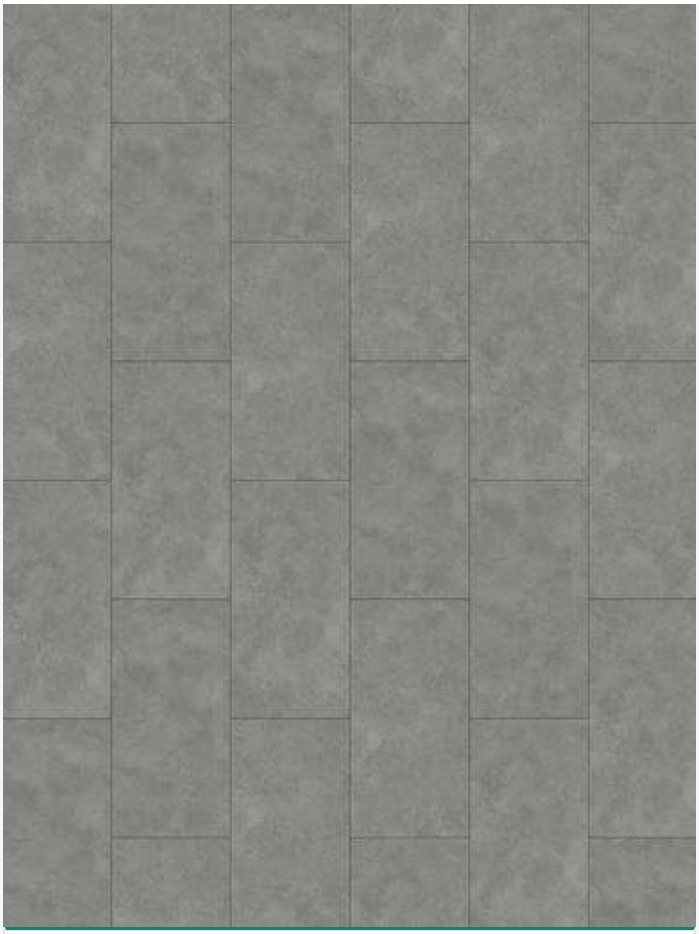
FT0005

Mist Grey Oak



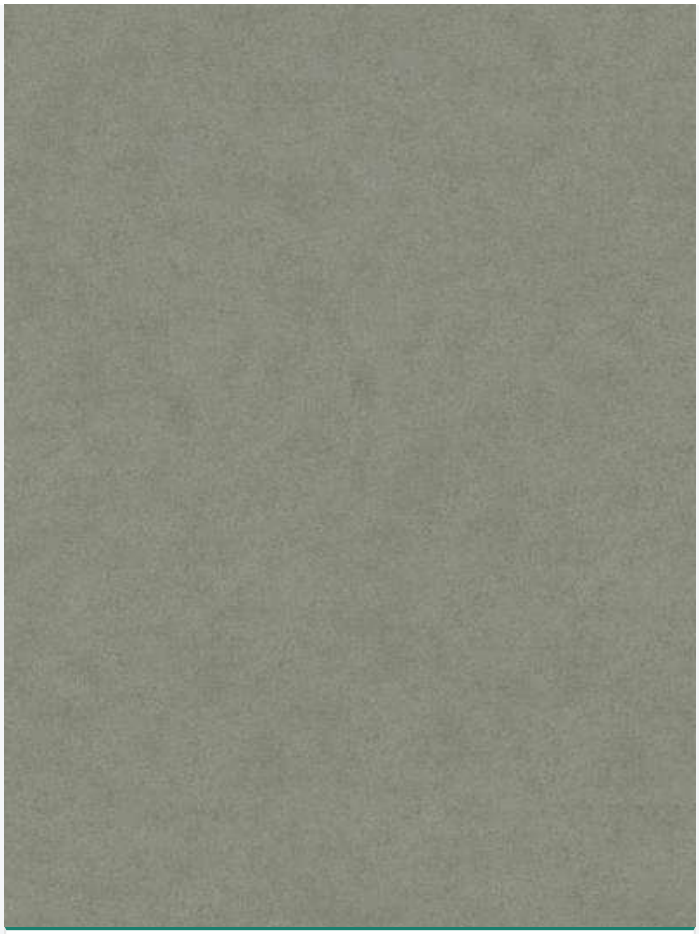
FT0007

Linen Beige Oak



FT0009

Onyx Concrete



FT0010

Storm Slate

COLOUR SCIENCE FOR INDIAN INTERIORS

Which Colours to Prioritise — *and Precisely Why*

Not all LVT colours perform equally across India's diverse climates, room orientations, and interior traditions. Here is Floortek's region-specific guidance.

Light & Warm Tones — *India's Choice*

The best-selling LVT colours across India — by a significant margin — are light to medium warm wood tones. FT0001, FT0002, and FT0007 consistently lead sales because they align with India's fundamental interior preferences: lightness, warmth, and clean spaciousness.

Indian homes receive strong, warm-toned natural light for most of the year. Light wood tones interact beautifully with this light — they don't create harsh contrast, and they complement the warm whites and cream tones that dominate Indian interior paint palettes. In smaller urban apartments (700–1200 sq ft), a light floor is the single most effective way to make the space feel larger.

Honey and golden oak tones (FT0002) occupy a sweet spot: warm enough to feel residential and inviting, yet neutral enough to work with both traditional Indian furniture and contemporary designs. This is the specification we recommend when a client is unsure — it virtually never disappoints.

Grey & Stone Tones — *The Modern Specification*

Grey-toned LVT (FT0004, FT0005) and stone-look options (FT0009, FT0010) have moved from niche to mainstream in Indian commercial and premium residential projects over the past three years. The grey-toned oak provides the visual warmth of wood grain with the modern, desaturated palette that younger Indian homeowners prefer.

Stone-look LVT is particularly compelling because it delivers the luxury appearance of marble or polished concrete at a fraction of the cost — and with zero maintenance. It is the dominant choice in hotel lobbies, restaurant floors, and corporate reception areas across Tier-1 Indian cities.

One important caution: in small rooms with limited natural light, very dark grey stone LVT can feel oppressive. We recommend pairing dark stone looks with generous ambient lighting or reserving them for large, well-lit commercial spaces.

WHY FLOORTEK LVT

Seven Reasons This Floor *Outlasts the Alternatives*

Compared to natural wood, ceramic tile, laminate, and carpet — here is why 5 mm / 0.5 mm LVT is the rational choice for most Indian applications.

100% Waterproof Core

Unlike laminate (which swells) or hardwood (which warps), LVT's rigid vinyl core is immune to moisture. Safe in kitchens, bathrooms, and through India's monsoon season.

AC4 Wear Classification

The 0.5 mm (20 mil) wear layer meets heavy commercial duty ratings. It outlasts standard residential laminate and is comparable in durability to 8–10 mm engineered hardwood.

Thermal Stability

Engineered to perform across India's temperature ranges — from air-conditioned commercial spaces to naturally ventilated homes — without gapping, buckling, or warping.

Sound Reduction

The 5 mm thickness provides meaningfully better impact sound reduction — important in multi-storey apartments and commercial buildings where noise transmission is a concern.

Rapid Installation

Click-lock floating installation over most existing substrates. A 1,000 sq ft space can be transformed in a single day — no adhesive, no curing time, minimal disruption.

Effortless Maintenance

Sweep, mop with a damp cloth, and done. No waxing, no sealing, no special cleaners required. Compatible with robot mops and steam cleaning at appropriate settings.

5 mm
TOTAL THICKNESS

0.5 mm
WEAR LAYER

AC4
COMMERCIAL RATING

15+ yr
EXPECTED LIFESPAN

FLOORTEK INDIA PRIVATE LIMITED

Ready to Specify the *Right Floor?*

Our technical team can recommend the ideal colour and finish for your specific space, lighting, and usage requirements. Request your free sample pack today.

REQUEST SAMPLES

SPEAK TO A SPECIALIST

FT

FLOORTEK INDIA PRIVATE LIMITED

© 2025 Floortek India Private Limited · Luxury Vinyl Tile · 5 mm / 0.5 mm Wear Layer

All product imagery is representative of actual collection textures.